



Mark Zuckerberg - Facebook CEO

Facebook CEO Mark Zuckerberg announced his personal challenge for 2016 on Facebook: to build a simple AI (Artificial Intelligence) to run his home and help him with his work.

In response, Facebook user Darlene Hackemer Loretto commented, "I keep telling my granddaughters to date the nerd in school, he may turn out to be a Mark Zuckerberg!"

To which the Facebook CEO responded:

"Even better would be to encourage them to *be* the nerd in their school so they can be the next successful inventor!"

Why a career in Technology?

The technology industry is growing at a rapid pace. With new technologies hitting the market, new roles are being created and are evolving to suit the industry. Because of this, a career path in technology can take you down many roads - some that may not yet even be defined.

You will learn all kinds of new skills - you could be involved in developing software that enables doctors to more effectively manage patient care. You may contribute to new car technology that reduces the likelihood of a collision, or new educational tools that help students to learn more effectively. There are vast possibilities, but at the end of the day, the work you do could affect change, and that is an exciting prospect!

Essentially, working in technology means you get to help people in one way or another. For example, if you're working in a support role, you assist people in fixing their problems or give advice on how to improve their work. On the other hand, if you are a developer, you can create solutions for all types of needs.

Since technology is integral to the success of so many different fields, it should come as no surprise that technology professionals are in demand. As long as there are problems within an industry that require a solution, the skills of a technology professional will always be an employable asset. To this end, technology professionals are quite often among the most well-paid professionals of any organisation or industry.

Careers in Information Technology

(* denotes top 5 IT career paths in 2018)

Analyst Programmer

Write, test, design and develop computer software and programs.

Applications Architect *

Ensure individual software projects follow the organisation's application development methodology and parameters. They also ensure the project fits a company's technology infrastructure and business strategy.

AV Technician

Provide technical support for the production, recording and broadcasting of media.

Business Analyst

Evaluate and develop technology systems to help businesses run at optimal standards.

Business Intelligence Developer

Oversee databases and information systems with the goal of optimizing the storage, implementation and flow of data in corporations.

Chief Information Officer

Watch over organisations' IT and telecommunication systems.



Cathy Polinsky

Chief Technology Officer of Stitch Fix!

Stitch Fix's mission is to change the way people find clothes they love by combining technology with the personal touch of seasoned style experts.

Cathy leads the engineering team at Stitch Fix and supports the company's efforts to deliver services that meet client needs and expand the business. Previously, Cathy was Senior Vice President of Enterprise Search at Salesforce, overseeing the company's search initiatives. She has also built robust, large-scale systems and led engineering teams at

industry powerhouses like Oracle, Yahoo! and Amazon, and was named to Business Insider's 2015 list of most powerful women engineers in world.

Cloud Solutions Architect *

Design solutions for companies seeking to move their IT infrastructure and services from on-premise servers to a cloud-based storage solution.

Computer Systems Analyst

Draw on business and technical expertise to evaluate a company's computer systems and procedures, with the goal of recommending strategic changes to increase productivity, lower costs and achieve other objectives.

Computer Technical Support Specialist

Computer Technical Support Specialists engage in troubleshooting and problem solving, both within a corporation and for individual clients.

Data Architect

Data Architects oversee the design and maintenance of data across a variety of information systems and databases.

Data Scientist

Data Scientists direct the gathering and application of data for a variety of organisations, including corporations and government agencies.

Database Administrator

Responsible for organising and managing an organisation's data, making sure that data is accurate and available, and that database performance meets organisational requirements.

Executive Officer

Provide executive support to the Chief Information Officer and Information Technology Services across a range of operational and project related activities, encompassing elements of the financial, human resource, technology, policy, and planning domains.

Health Information Technician

Health Information Technicians collect patients' medical data and record the data in paper or computer files. They review health records and insurance claims and ensure compliance with privacy laws. Health Information Technicians may also be involved in implementing electronic health record systems.

Hardware Engineer

Design computer hardware.

IT Manager

Organise and run IT departments in companies and organisations.

IT Sales Assistant

Sell computers and telecommunications products and services in retail or wholesale institutions.

IT Sales Professional

Facilitate selling hardware, software and other information and communications technology.

IT Security Analyst *

Information Security Analysts develop and implement computer security strategies and systems to protect vital information from computer crime and cyber warfare.



Kelly Sheridan
Staff Editor at Dark Reading

Kelly focuses on cybersecurity news and analysis. She is a business technology journalist who previously reported for Information Week, where she covered Microsoft and Insurance & Technology.

IT Support and Test Engineer

Follow procedures and strategies to support, manage and test technical quality systems.

IT Support Technician

Assist in the planning, installation and performance of computer systems and technology.

IT Trainer

Plan and conduct IT training programmes and write user manuals for clients.

Library Technician

Set up and assist Librarians with proper organisation and database management of library materials.

Machine Learning Designer, Developer or Engineer

Artificial intelligence is the goal of a Machine Learning Engineer. They are computer programmers, but their focus goes beyond specifically programming machines to perform specific tasks. They create programs that will enable machines to take actions without being specifically directed to perform those tasks.



Raquel Urtasun
Computer scientist at the University of Toronto

Raquel is helping improve artificial intelligence in autonomous vehicles. Urtasun has developed algorithms that help vehicles achieve this in real time and in 3D, making the cars safer for drivers and everyone else. She also helped create the KITTI benchmark, which is used by developers to test and assess vehicle performance. It is being used by more than 500 groups, including Toyota and Samsung.

Mobile Application Developer *

Create applications for mobile devices, such as iPhones and Androids.

Motion Graphics Designer

Use software and techniques to create digital or visual graphic images for web, television and film.

Network Professional

Analyse network strategies and make recommendations for improvements.

Site Reliability Engineer

Ensure that an organisation's website runs smoothly and efficiently serves its intended purpose.

Software and Application Programmer

Develop and test new software as well as tweak and test existing programs.

Software Engineer

Software Engineers design, develop, test and optimise computer programs used in areas such as operating systems, business applications, network control systems, video games and social networks.

Solutions Architect

Solutions Architects develop technological solutions for organisations.

Systems Analyst

Plan, implement, modify or coordinate data and information systems to meet business needs.

Telecommunications Technical Specialist

Problem solve to update and maintain communications devices and networks.

Telecommunications Technician

Ensure that communications equipment is installed and maintained properly.

Telecommunications Trades Worker

Assist with the installation and maintenance of telecommunications devices and networks.

Test Analyst

Offer support and testing to create and maintain functional systems based on technology.

Video Game Designer

A Video Game Designer is someone who utilizes several artistic talents, as well as finely-honed technical skills. In an exploding industry, such as video game design, the need for innovative, perceptive and qualified designers is at an all-time high.

Web Developer *

Collect or create web content and plan website layouts and navigation, as well as coding for web pages. Also test and optimize a website for user experience and optimum performance. Specialise in website development, including design, structure and layout.

User Interface Developer

Work to ensure that software functions smoothly and logically for users and consumers.

History Timeline of Women in Technology



Countess Augusta Ada Lovelace - 1840

Countess Augusta Ada Lovelace (1815-1852) was an English mathematician and writer. The daughter of Byron and friend of Charles Babbage, she devised the program for Babbage's analytical Engine. She is often referred to as the first computer programmer ever.



Katharine Burr Blodgett - 1918

Katharine Burr Blodgett (1898 -1979) was the first woman to work in General Electric's as a scientist. Her major achievement was developing an 99% transmissive 'invisible glass,' which was used in movies and submarine periscopes later.



Doctor Grace Hopper - 1954

Doctor Grace Hopper (1906 – 1992) was the originator of Electronic Computer Automatic Programming for the Remington Rand Division of Sperry Rand Corporation. She was a key figure in the development of the computer programming language COBOL. Because of that, she is famously known as Grandma COBOL.



Roberta Williams - 1990

The American video game designer, Roberta Williams is known as the creator of the video game King's Quest. Later on, she founded the company Sierra On-line. She retired in 1999. Her other famous video games were Mystery House and Phantasmagoria.



Marissa Mayer - 2012

Marissa Mayer was the first woman employee of Google. She developed the layout of the famous Google Search page. Over the years, she was a key figure in the products such as Maps, News, Gmail and many more. In 2012 she assumed the position of CEO at Yahoo!



Sheryl Sandberg – 2018

Sheryl Sandberg is Facebook's Chief Operating Officer and the first woman to serve on Facebook's board of directors. In 2012, she was listed in Time's 100 Most Influential People. She became the Chief of Staff of the U.S. Secretary of the Treasury and was later employed at Google, serving as Vice President of Global Online Sales and Operations. A recent report suggests Sandberg's net worth is over US \$1 billion.

Positions in IT Services at the University of Tasmania

Administration Support Officer	Manager, Infrastructure Services
Application Support Analyst	Manager, Integration Services
Associate Director	Manager, Program Delivery & Software Development
Audio Visual Architect	Manager, Records and Information
AV Technician	Manager, Unified Communications
Change Manager	Network Architect
Chief Information Officer	Network/Communications Project Manager
Client Services Officer	Procurement/Finance Officer
Data Warehouse Analyst	Project Manager
Database Administrator	Project Support Officer
Deputy Chief Information Officer	Records Management Officer
Director, Shared Services	Senior Analyst Programmer
Disposal & Training Officer	Senior Application Support Analyst
Events & Communications Officer	Senior Client Services Officer
Executive Assistant	Senior Executive Officer
ICT Projects & Reporting Analyst	Senior Network Administrator
ICT Security Manager	Senior Software Developer
Information Quality Officer	Senior Student Application Support Analyst
Integration Analyst Developer	Senior Systems Administrator
IT Contracts Manager	Systems Administrator
Manager, Service Delivery	Team Leader, Service Delivery
Manager, Application Services	Team Leader, Software Development
Manager, Business Intelligence Services	Team Leader, Unified Communications
Manager, Enterprise Services	Unified Communications Administrator
Manager, eResearch Infrastructure	

Why study Computing and IT at the University of Tasmania

Tasmania is unique and so are Tasmanians. We believe in our island. We embrace the unusual. And we love imagination.

Studying with us you'll be inspired, informed and supported by experts who were once where you are now... ready to discover the future.



Information and Communication Technology

We combine information systems, information technology, and computer science with a range of experiential learning and professional practice opportunities. This means you will graduate with an extensive range of technical skills tailored for your desired career sector, plus the professional soft skills demanded by the modern workplace, such as teamwork, communication, project management and business analysis. Your study experience is underpinned by core subjects that develop you as an ICT professional, providing the skills and knowledge necessary to implement technical solutions in business environments. You can also choose specialist skills from an exciting new range of majors:

Business Analysis

Learn the complex process of identifying problems within a business, understanding what the implications of those problems might be, and developing ICT-based solutions supported by industry best practices. In addition to technical skills, you will learn project management and communication skills that provide the much-needed link between business and technical experts. Offered in Hobart and Launceston (first year only).

Cyber Security

The highly-connected world we live in is filled with threats to our systems and devices. Studying Cyber Security will enable you to get a foundational understanding of these risks, including the fundamentals of encryption systems, and how to respond to protect businesses and systems of various sizes. Offered in Hobart and Launceston (first and second year only).

Data Science

Big data is now a core function within government, commerce, and science. Your study experience provides the opportunity to explore new kinds of data, the tools for processing it, and to learn how to capture, manipulate and process huge volumes of digital data and transform it into usable information. Offered in Hobart and Launceston (first year only).

Games and Creative Technology

This study option provides a detailed understanding of the processes and technologies used in the development of games and interactive systems. You will learn to design, model and program with industry-leading technologies, tools and languages including VR/AR technology that is applied in the game and multimedia industries today. (Offered in Hobart and Launceston.)

Software Development

Have a passion for writing code? Software development provides an opportunity to deepen and strengthen your programming skills to construct complex software systems. Gain the skills and knowledge to engineer standalone mobile, networked, multicore and web-based software systems. (Offered in Hobart and Launceston.)

Courses

Bachelor of Information and Communication Technology

Bachelor of Arts and Bachelor of Information and Communication Technology

Bachelor of Business and Bachelor of Information and Communication Technology

Bachelor of Information and Communication Technology and Bachelor of Science

Prerequisites: Science majors in Biochemistry, Chemistry, Mathematics and Physics require subject prerequisites in those topics.

University College study options and pathways

Associate Degree in Applied Technologies

This industry-focused offering blends theory and hands-on learning experiences in technology, specialising in Cyber Security.

Diploma of University Studies (ICT Specialisation)

Designed as an alternative entry pathway to University study. Students wishing to enter ICT can do so through the ICT Specialisation.

University Preparation Program (UPP)

Women in IT Services



University of Tasmania

Gillian Vosper IT Contracts Manager



Not knowing what I wanted to do when I grew up, I opted for primary school teaching after completing a Bachelor of Arts degree.

An opportunity arose to take on an additional, unpaid role in peer mentoring at the school I was teaching at, which I grabbed, and my leadership journey began.

As a result of taking on this role, I was invited to backfill an Education Advisor role, working with teachers in 40 different schools to improve their practice and to deliver Department of Education initiatives. A permanent role was then offered and a Masters of Education was completed at the same time. Two children later and a move to Tasmania, teaching was no longer an option due to the unavailability of part-time work within the

Hobart area. What could I do next?

A friend doing her PhD in medicine knew of a project being undertaken at the University of Tasmania's School of Nursing & Midwifery, on respite care for people with dementia and they needed a research assistant. One project led to another which morphed into the forming of the Wicking Dementia Resource and Education Centre.

My role became less research and project management and more operational management of the Centre and thus I became the Centre Manager.

After being selected to undertake the University's Women in Leadership program, I was matched up to a mentor, which led to the opportunity to work in the Chief Operating Officer's Office. A good overview of the University, along with a good understanding of process landed me the role as Senior Executive Officer in the Office of the Chief Information Officer.

I was initially anxious about understanding all things technical, however, I have come to learn that I don't need to. There are others who have the technical skills and my communication and

organisational skills are complementary. Looking for change and ways to improve process and adopting new ideas and technology help, as does being a user of technology as it gives me an alternate and valuable input.

I have recently been promoted to the role of IT Contracts Manager and am really excited to be learning about this side of the business which involves managing hardware, software, systems and labour contracts with vendors.

A focus on enhancing my skills in relationship building, communications, process improvement, time management and business acumen has made for a somewhat organic career path, one that I never imagined would lead me to IT. But now I am here, I am loving the journey.

"I was initially anxious about understanding all things technical, however, I have come to learn that I don't need to. There are others who have the technical skills and my communication and organisational skills are complementary."

Rebecca Foweraker Application Support Analyst



I sometimes believe the work I do is not considered “IT” - though my job includes IT elements. I see myself as a detective, investigating issues from start to finish. My work at the

University of Tasmania has a big impact on academics and students and I believe it to be important, even if it is behind the scenes. I joined the University in 2009 to work in Web Services which was part of ITS. I created websites and ran training sessions for end users of our content management system. In 2010, I moved into supporting learning technologies used at the University. The work is diverse and dependant on both our end users and the vendors we engage with. I have also been part of some major projects, including the move to a new Learning Management system in 2012. I support students and academics at the University of Tasmania with learning technologies. I also administer these systems, which includes testing, updating systems, creating documentation and communicating with our users.

“I sometimes believe the work I do is not considered “IT” - though my job includes IT elements. I see myself as a detective, investigating issues from start to

education to increase my prospects for employment in areas that were of interest to me.

I began my working life after completing my Bachelor of Arts degree – in which I majored in English literature and Women studies. I worked in several jobs including as a shop assistant, teacher’s aide and as a media monitor. Once I had my children, I then worked as a family day carer.

During this time, I went back to university, studied online, and completed my Graduate Diploma of Information and Library Systems. This led to me working for the State Library of Tasmania - now the LINC - as a Systems Librarian for two years.

In this job, I administered the library systems, supported users of the systems, and conducted training sessions. The library was a great place to work and I enjoyed my time there immensely before moving to the University of Tasmania. While I do not always see myself as working in IT, the IT elements of my role certainly make the work interesting and varied, and it is rewarding to see the work we do assist with learning and teaching at the University of Tasmania.

My path to IT has been long and varied. I did not set out to work in the Information Technology sector; it was a progression of my education pathways and job opportunities. I was not sure what I wanted to be when I left University and I worked in various roles before undertaking further

Doris Heidermann ICT Projects & Reporting Analyst



My journey with IT Services at the University started in 2010 when I was travelling Tasmania with my husband and started looking for work to help with our travels around Australia. I

started as a Project Officer with the main aim to provide training for all Web Kiosk Approvers across the University. Being part of the then, Project Office, I progressed to the position of Training & Support Officer, where I obtained my Prince2 and ITIL qualifications and helped develop the Project Office Project Management Methodology. My skills with Excel and ability to create a variety of different reports from financial to project dashboards started my journey as an Executive Support Officer to finally my current position. My interest in IT started when I chose computer science as one of my subjects at University even though I had never seen or used a computer before. Best choice in my life. I took to computer science like a fish to water, finally completing a Bachelor of Science degree at Sydney University majoring in Computer Science and Mathematical Statistics. After leaving Sydney University, I started contracting my services to a small computer business. This position taught me all aspects of the computer industry from wiring up cables, computer installations, developing software and customer support. Eventually I branched out by starting my own computer business with 15 clients. Much was learnt in those 10 years. In this time I developed my troubleshooting and

questioning skills. Talking IT to business owners is not an easy task at times and if I wanted to be paid for my services, I needed to make absolutely sure we were talking about the same thing. The next big step in my journey was actually started by teaching karate. This gave me the confidence and motivation to start sharing my IT skills and knowledge which I had accumulated over the past 20 years. I obtained my certificate in Workplace Assessment & Training and started teaching computer related courses at the local Community College. The most popular course was 'How to upgrade your Computer'. This was a hands on course which everyone loved. I ran several courses from Microsoft Word and Excel to Digital Imaging using Adobe Photoshop and more. My training skills are

what gave me the opportunity to work in IT Services, which in my opinion has been the most satisfying part of my journey. In IT Services I am constantly working with the latest technology, giving me an opportunity to grow with it. I enjoy being able to help people

"I love problem solving and when someone says it can't be done, this is when the fun really starts for me."

to save time and work more efficiently by implementing and providing reports, templates and processes which transform mundane tasks to a press of a button in some cases. I love problem solving and when someone says it can't be done, this is when the fun really starts for me. IT Services has provided many situations for me to excel and make a difference. I believe there are still many more challenges in IT Services and the University of Tasmania, which I am looking forward to exploring with the rest of the IT Services team. IT Services has a great team which I am very proud to be a part of.

Janelle Tamlyn Director, Shared Services



I have been in this role, leading frontline delivery of professional services for six months, and with the University for almost nine

years. I have worked in leadership and operational roles across IT Services and the Vice-Chancellor's Division before gaining the opportunity to further shape and define the way we deliver professional services across the University, including IT.

Following year 12, I spent two years studying with Drysdale Institute of TAFE, where I graduated with an Advanced Diploma in Tourism Management. I have also completed a Masters Degree in Business Administration through the University of Tasmania in 2013.

Before joining the University, I spent nine years with Qantas Airways where I worked in a range of roles at their Hobart Call Centre and for the Qantas Promotional Team, representing Qantas at major events globally. At the time of leaving school, all I wanted to do was tourism, and in particular work for an airline, I wanted to be a flight attendant. However, I was aware it can be a short lived career, so I focused on building a foundation in service centric business operations first. What I didn't realise was that I would grow to love this side of the organisation and went on to develop skills across the service and sales sector, understanding the key drivers of a

business, the importance of strategy, vision and commitment. This led me to the major pillar of the business – technology. When I joined IT Services at the University back at the end of 2009, I really didn't think I was where I was supposed to be, I used IT, I didn't do IT. However, like Qantas was underpinned by technology, technology is underpinned by business, and research, and teaching and learning. There is project management, service management, application management, systems management, the list goes on and it calls for a range of different skill sets and people. I realised I had many strengths

that could provide value to the organisation and now find myself immersed in a field of inspiring and innovative developments which offers an exciting, challenging and very rewarding career.

“There is project management, service management, application management, systems management, the list goes on and it calls for a range of different skill sets and people.”

Christine Bayley Application Services Analyst



I have spent the last 10 years denying my role in technology despite many of my wiser colleagues' observations "You should be in IT Chris, you're made for

it." I simply saw myself as a lover of technology who enjoyed learning and then sharing my knowledge to benefit others. I loved analysing any system or process, finding solutions and solving problems.

Hang on a minute, that is exactly what an application systems analyst does, and here I finally am, employed in just that role for the last 10 months. Yet I have been doing just that job for the last 10 years!! I

should have known as I watched HR struggle to find suitable classification descriptors to adjust my Position Description over the years - they were looking in the wrong stream. As a team member of IT Services, I really embrace the service culture we have. My career has always involved customer service and I loved delivering it over many years in the travel industry. First by running adventure tours in the Middle East, then, coordinating group tours to Africa out of Sydney, before my final stint as Retail Manager with American Express and Flight Centre in Hobart.

I came to the University because of technology. The internet had taken away my

consulting expertise. Everyone was an expert now and I could just see myself dying of boredom if I had to book yet another Hobart-Melbourne flight. After the initial delight in online booking systems, I was out of there. I took up an unexpected opportunity to support one of our Vice-Chancellors for many years. In this role I learnt much, but particularly about governance and university structure. I loved the university environment and I was keen to stay and progress, but where to?

I completed a UTAS degree as a mature age student, and as I was working in Public Relations at the time, decided to work

towards majors in Communications and Marketing. At this time, the University introduced a customer relations management system for our alumni and key stakeholders and it was

my job to implement it. It and its associated systems have followed me around ever since.

As I write this, I realise that I

have landed on my feet in a creative and stimulating work environment. I thrive on challenge and change and look forward to the opportunities that come with being a part of this innovative industry that brings plenty of both. IT. Proud to be part of it!

"I thrive on challenge and change and look forward to the opportunities that come with being a part of this innovative industry that brings plenty of both."

Vanessa Garratt

Team Leader, Service Delivery



Growing up, I only had eyes for music, I was determined to be a music teacher by day and a performer by night. It wasn't until I was half way through my teaching degree and beginning to work in schools that I realised the school environment wasn't for me. I took some time off, performed with my band and worked out that my passion wasn't just in music, it was in technology and how that can interact so well with modern music. I packed up my life in Burnie and moved to Launceston to study a Bachelor of Computing. While studying in my second year I was fortunate to apply for a casual job in ITS, it involved filling up the printers and assisting the Client Service Officer's (CSO) with organisation around the office. It was only 5 hours a week but it was the perfect addition to my study. It was through this job that I was able to forge lifelong friendships that have provided me with the strength to grow and develop through the team here in Service Delivery. Upon graduating, I was fortunate enough to obtain a full time CSO position in which I spent 4 years working in areas such as the Australian Maritime College, the Faculty of Education and developed my skills in the Audio Visual/Video Conferencing area (linking back to my love of music and technology). I am a glutton for punishment and decided shortly after graduating that I needed

to start studying again. I enrolled in my Masters of Business Administration with the support of management in ITS and have so far received my Graduate Certificate of Management as part of the path towards my MBA.

Throughout my 6 years in ITS, I have had various opportunities to develop my skills and grow as a colleague, mentor and leader. I have recently been fortunate enough to obtain an ongoing Team Leader role within the Service Delivery Team in the North. I now have 11 staff reporting to me across 4 campuses from Burnie through to Launceston. My confidence and

knowledge have grown and I look forward to coming to work each week.

I cannot stress enough how beneficial it was to have such a supportive workplace that enabled me to continue to study while working.

I still pursue my music, it is now a hobby and Information Technology is my career, I wouldn't change it for the world.

"I still pursue my music, it is now a hobby and Information Technology is my career, I wouldn't change it for the world."

Jenny Dobson Information Quality Officer



At college, I completed my Higher School Certificate and Computer Science, Mathematics and Science were there in the mix. I later

completed a Diploma of Business Management. This encouraged me to complete a Bachelor of Librarianship and Corporate Information Management at university. In my first job, I was one of two women in the branch.

Following that time, I have great satisfaction in witnessing the increase in women's participation in the workplace over the years.

During my career I found that my work always had technology involved in the performance of it, so when my current office was reorganised to sit under the IT Services department, it was a synergy realised. Now the technology has vastly improved, it has become more prevalent, more sophisticated, more interwoven with new technologies over the years.

Work has become increasingly interesting, challenging, enjoyable and all the more rewarding as a result!

I found that even though my formal education had been completed, I had not left education behind and I would continue to learn. The nature of the workplace today means work is fast paced, there is frequent organisational change and more frequent technological change and interoperability.

To thrive in this workplace, I have now become a life-long learner, having to quickly realise a knowledge or skill gap and then quickly acquire that knowledge or skills to solve the interesting array of new issues that arise in the workplace.

The future cannot be imagined without technology, who knows what it will be like! When imagining what you would like your future to look like, colour, shade and texture it with your dreams, interests and skills. On your journey there, continue to educate yourself, take courses,

and acquire skills as required. Learn about technology, people, your workplace, your organisation and the world, adapt, and grow. You will then relish the challenges technology presents and how to use technology to provide the solutions. It's a career that will truly engage!

"I have satisfaction in witnessing the increase in women's participation in the workplace over the years."

Cathy Fyfe

Manager, Records & Information



Like many people, my progression into IT Services has encompassed a number of twists and turns over many years. I started my journey into records and information

management by chance, back before computers were on every desk and records were stored in physical formats in 4 drawer filing cabinets using index cards, and day books for retrieval. Yes I am that old!

My first exposure to technology was in the early 80's when working with CSIRO, creating and inputting data cards into the computer mainframe based in Canberra. I then worked in various State government departments in records management for a number of years, and was introduced to software systems in the mid to late 80's for recording and tracking of corporate business information.

Since joining the University in 2000, I have been lucky enough to be part of the transition from physical to digital records and information management. Technological advancement has provided significant improvements as well as many challenges as to how we can best create, store, secure, access and manage information to support our business both now

and into the future.

I have been given opportunities to undertake further study and expand my knowledge and skill set to both grow as a person, and to keep abreast of the constant changes in technology and software that is utilised to store and manage our records and information, which ensures I am never bored.

Who would have thought back at the start that I would now be involved in leading and working with a team of people that undertake software upgrades, system administration, user acceptance

testing, troubleshooting, business analysis, customer relations, research, project management, education, training, and policy development. How good is that!

“Technological advancement has provided significant improvements as well as many challenges as to how we can best create, store, secure, access and manage information to support our business both now and into the future.”

Jo-Anne Farrelly Senior Executive Officer



During school I was always unclear of a career path. In year 12 I studied a Vocational Education Training course in Business Administration which I really enjoyed and soon discovered that

building knowledge and skills in this area opened up a range of possible career opportunities.

When I left College I took a Business Administration traineeship position with Veolia Environmental Services in the Finance Department, and eventually worked my way into a payroll officer position within their HR department.

Travelling was always a passion of mine so at 21 I decided to go on a working holiday around Europe, and this is when I discovered my interest in Information Technology. In the last four months of my trip I worked in the IT section of a large Insurance company in London, performing a wide range of administrative tasks and working closely with the Project Managers and the CIO. During this time I realised IT was such an interesting and fast paced environment to work in and it's where I wanted to be.

Returning home to Tasmania, I went back to my previous position at Veolia for only a short time when I applied for the Executive Assistant position advertised at the University of Tasmania in the IT Services section. I was

lucky enough to be the successful candidate for the role.

Although in the beginning, not having any technical knowledge was sometimes daunting, I soon discovered that the skills and knowledge I had gained through my previous roles and training were of great value and I was able to make a significant impact across IT Services and the broader University.

During my 11 years with IT Services my role has changed significantly.

Returning from maternity leave for the second time I was given the opportunity to work in a job share arrangement as the Senior Executive Officer, taking more of a leadership role with a strategic focus. With the support of my family and work colleagues I am lucky enough to get the best of both worlds, having a career with endless opportunity and also being a devoted mum to my two children.

"I realised IT was such an interesting and fast paced environment to work in, and it's where I wanted to be."

Rohani Samson Network/Communications Project Manager



As a young child I spent a lot of time playing computer games like Space Invaders, Wolfenstein 3D and Prince of Persia on the PC

with my dad as well as taking classical piano and dance lessons.

In college I studied Music, Chemistry, Physics and Biology and had ambitions of studying at the Conservatorium of Music. However, when it came time to attend university I had become so intrigued with computer technology that I decided to expand my knowledge by enrolling in a Bachelor of Computing instead.

While I enjoyed programming, web design and development,

in my third year at UTAS I studied networking and quickly became interested in network design and configuration, specifically Cisco Networking equipment.

After graduating in 2003, I started working for a small IT company, gaining valuable experience in providing desktop and server support and being involved in performing network upgrades for our clients.

In early 2006 I was successful in gaining a position at UTAS as a Computer Support Officer for IT Services. During my time in this role I provided desktop support to many of our local Service Level Agreement clients and was later given the opportunity

to assist with the deployment of computers for staff and students at the new School of Nursing site in Rozelle, Sydney.

This also included the establishment of network services at the site.

With the increased development of new university buildings throughout Tasmania, there became a requirement for a dedicated Project Manager to manage the establishment of telecommunications services to the sites, as well as coordinate

the relocation of existing services for staff and students between sites. In 2009 I was offered

the role of Networks & Communications Project Manager and I have since been involved in many exciting building works projects including the Medical Science Precinct, Cambridge Farm, Bisdee Tier and the NRAS Student Apartments. Over the years I have been heavily involved in developing and updating the telecommunications cabling standards for the University, and assisting in the selection

of technologies and services that are required for each unique building works project.

Throughout my 11 years working for the University, I have had numerous opportunities to enhance my skills as an IT professional. The University is an incredibly supportive workplace, and has enabled me to continue to thrive in the workplace whilst also juggling being a parent of two young children.

Although Information Technology is my career, I continue to pursue my love of music and the performing arts as a singer and dancer at the Hobart Dance Academy.

“The University is an incredibly supportive workplace, and has enabled me to continue to thrive in the workplace whilst also juggling being a parent of two young children.”

Rebecca Bran

Change Manager - Capacity Management Projects



Growing up, I was completely focussed on my passion of being a professional tennis player. To be honest, I didn't think I knew much

It didn't occur to me that I was using technology because I was more engrossed in writing articles, emails and newsletters, but without the technology none of what I was doing would be possible.

In addition, working multiple retail, hospitality and customer service roles I realised that having to learn and use Point of Sale systems (front counter) to make sales was again using technology.

about nor had anything to do with technology, however being part of the Women in Technology team and taking the time to reflect on my journey into IT, I now realise just how much technology has been, and still is part of my life.

I remember using the social platform Myspace (before Facebook) and memorising the special phrases (HTML codes) because I wanted my

page to look sparkly and girly. I was so focussed on the sparkles I didn't even realise I was being kind of techy in my own very simplistic way.

I thought there couldn't possibly be any link between my tennis career and technology, however I now realise that to become a better tennis player I relied heavily on data, statistics and ratios from the professional tennis circuit and used my own system to track my stats and analyse my progress to help improve my tennis.

My first 'real' job after finishing college was as a Franchise Development Executive at Optus, where I managed the communication and events for all Optus Retail staff and franchises. Part of my job included the daily use of a Content Management System (CMS) or the back end to the Optus website I was managing.

I am now a Change Manager in IT Services, at the University of Tasmania. I work with projects/initiatives to ensure that objectives

are clearly communicated, supported and well adopted by all staff (and sometimes students) across the University.

My focus is on the people side of change, ensuring there is a clear vision and that any changes to business processes, systems and technology are well informed

and delivered, so whilst I get the opportunity to use many of the skills that I have gained throughout my life, I am integrating it with IT. I've always considered myself more of a 'people' person rather than a 'techy' person and I know that if I can work in an IT field, it's possible for anyone, especially other girls and women.

Young people are already living in a more technologically advanced society than ever, so even if they think they are not techy, they are actually living it day to day. The most exciting time to be in technology is now because it is all around us and we are already immersed in it.

Finally, if you have the opportunity, like me, to be part of the crazy, amazing world of technology then tweet it, I mean take it, you just never know where it will take you.

“The most exciting time to be in technology is now because it is all around us and we are already immersed in it.”

Melissa Goodman

Events & Communications Officer



for technology.

I had a different start in life as for the first 5 years, I lived in Papa New Guinea. We moved around every two years when I was growing up and I attended seven different schools.

During my school years, I was definitely a dreamer and full of ideas, and this made choosing just one career path extremely restricting. Drawn to a creative path, I decided in year 12 that I wanted to be a painter. I was

chosen to exhibit at the Gold Coast Art Centre and was also accepted into Art School. Unfortunately, at the time I couldn't afford to complete the diploma, so realising I must find and pursue another route, I entered the world of events and marketing.

I have worked on variety of events and projects which include, not for profit, government, community, higher education and corporate events, with my most recent being the Innovation Event, UHack at the University of Tasmania.

In 2013 I completed a Diploma of Events Management. I then went on to study Business at Sunshine Coast University.

I then took the plunge and together with a business partner started my own business. Starting our own commercial photography business was high risk but it was

interesting and challenging and I learnt a lot. I

Ideas are changing our world; incredible inventions and innovations are shaping our future. I think back to where it all started for me and how I found my passion

think it was then that I realised my passion for technology and business. I quickly learnt that technology meant we could operate and manage the business everywhere in the world, with the web based online business model. From then on, my interest in technology and innovation has kept growing. Technology has the ability to make dreams happen.

In 2016 I became a consultant for 2PM Services and joined the Board of Startup Tasmania doing event management, marketing and promotions, Training Coordinator, Project Administrator and support for IT projects. In 2017 I completed a

Change Management course and in 2018 I completed a Business Analysis course.

In 2018 I was fortunate enough to obtain a full-time position in IT Services as Events and Communications Officer.

Working in IT Services

has provided me with valuable knowledge, growth, endless opportunities and experience with a high performing team which I have found both challenging and rewarding.

I encourage everyone to look for opportunities, leveraging growth in technology, pushing boundaries, overcoming obstacles and taking risks while continuing to learn. I am personally looking forward to the future and one day you may see an art exhibition where technology and art meet - "Techart".

"Technology has the ability to make dreams happen."

Lee Hanson

Acting as Director Shared Services



My personal pathway into IT and Technology has not been the most traditional of journeys, yet it has been inspiring and

exciting. Having been an HR professional for many years, my passion and development in technology has grown and developed over time, particularly in how this can be applied in the way we work and enabling success.

Currently Acting as Director Shared Services, I am responsible for leading a diverse team which includes frontline IT Services, HR and Financial Services. I would have never previously imagined I could have gone from being an HR expert to now overseeing a large team including IT and technology. When I step back and consider how I got here, it is amazing how many similarities apply between my roles and have been transferrable.

“Technology is an ever inspiring and developing landscape.”

IT and Technology is an exciting and rewarding pathway for both myself and how I can support my team.

Technology is an ever inspiring and developing landscape. The possibilities technology can provide us professionally and personally is exiting. It has always been the future and will continue to be so, along with the people who make it happen.



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