Mars Geldard

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Professional Summary

CAREER OBJECTIVES

All of my pursuits are towards the goal of becoming a well-rounded computing professional: I aim to become proficient in a wide range of technologies, expand upon my abilities as a programmer and designer, and add to my experience in mentorship and research. When I am not working on these practical skills, I wish to supplement them with experiences of different working environments and user/community engagement. In the pursuit of these goals I hope to always surround myself with opportunities to learn and share my knowledge with others.

CAREER SUMMARY

In the past I have had somewhat varied experience, having been in the workforce for over 8 years before entering tertiary study. Coming from a non-technical background, I quickly found my passion for technology as a way to express my love of mathematics and obsessions with problem-solving and optimisation. Since then, I have developed newfound passion for Apple technology and their approach to areas I have been most interested in: machine learning and information security.

Education

Bachelor of Information and Communication Technology
University of Tasmania (UTAS)

Mid 2016 - Current
Third Year Student

- Bachelor majoring in Software Development
- Electives focusing on Data Analytics/Machine Learning and Research
- Completed 2/3 elite research units so far: KIT110 under the supervision of Dr Kristy de Salas & KIT210 under the supervision of Professor Christopher Lueg
- Set to graduate in December of 2018, intending continuation into Honours Research Program

Entry requirements for Bachelor's Degree
UTAS University Preparation Program

Start 2016 - Mid 2016
Fast-Tracked

- Internal program at UTAS that provides alternative entry to returning mature-aged students
- Completed units on topics such as academic writing, communication and study skills
- Fast-tracked to Bachelor after completing only one semester of the 2-semester course, due to academic performance

Secondary School/Junior Certificate
Kimberley College

2005 - Start 2009
Left to work

- Completed junior certificate, majoring in the technical stream (Mathematics, Biology, Chemistry, Physics)

Experience

Casual Tutor
University of Tasmania

Early 2018
Current

Alongside my studies as a third-year student I have begun tutoring first-year unit KIT108: Artificial Intelligence. This includes running face-to-face tutorials and consultation sessions, as well as providing student support and correspondence as required. Unit content covered machine learning and data analysis fundamentals, with practical content involving case studies and applications in the Prolog language.

Bar and Gaming Attendant, Office Assistant
Sherwood Services Club

Mid 2012 - End 2015
Previous

Initially being hired as a bartender, it was not long before the vast majority of my work was as a gaming cashier, controlling the cash flow within the club, or assisting in the admin/accounts office. My duties as a cashier included swapping money and making change for customers and other areas of the club, counting and sorting tills, making payouts to gaming winners, and assisting managers with all manner of paperwork.

This was fast-paced work that required and bred precision above all else. My time in the admin office had me working both as an office assistant, filing and submitting paperwork, but also dealing with incoming stock, wages and account transactions and their associated software.

Supervisor/Co-ordinator   2009 - Mid 2012
Elstern Imports   *Previous*

Starting off at the company when I was 15, I was hired as a casual picker & packer for a wholesale-only jewellery and medical supplies distribution company. In the time that I was there I rose to hire and supervise 4 other staff (and the whole division of our company that dealt with our chain customers), as the company grew to not only have more wholesale customers than ever, but also run 2 retail web-stores.

My daily tasks were overseeing orders and dispatch, generating digital and hand-written invoices, ordering and receiving of stock from our suppliers, taking complaints, inquiries and orders via phone/email/fax, and managing the bar-coding and stock systems for our end of the warehouse (including implementing a new system when our number of stock lines outgrew the old one), along with many other unique tasks that would crop up every day.

Awards & Interests

PRIZES & PARTICIPATIONS

2017	**Recipient** M.J. Rees Prize for First Year Information Systems	*UTAS*
2017	**Participant** GovHack Hackathon	*GovHack Australia*
2017	**Recipient** Best Data Visualisation, Best Use of Heritage Data & Design Excellence	*GovHack Tasmania*
2017	**Recipient** Digital Learning Hack Award (National)	*GovHack Australia*

SCHOLARSHIPS & SPONSORSHIPS

2018	**Scholarship Recipient** Worldwide Developers Conference Scholarships Program	*WWDC*
2017	**Sponsored Delegate** LinuxConf Australia	*Linux Australia*

VOLUNTEERING & CONFERENCES

2017	**Volunteer** Superhero Daughter Day (An intro to STEM for young girls)	*Diverse City Careers*
2017	**Delegate** TasICT Technology, Digital Transformation and Innovation Conference	*TasICT*
2017	**Delegate** New Zealand Game Developer's Conference	*NZGDA*
2016	**Volunteer** GovHack Hackathon	*GovHack*
2016	**Volunteer** UHack Hackathon	*UTAS*
2016-	**Volunteer** /dev/world Developer Conference	*AUC*
2016-	**Delegate** Buzzconf Technology Festival	*Buzzconf*
2016	**Delegate** Re-imagination Thought Leaders' Summit and Digital Disruptors Awards	*ACS*
2016	**Attendee** Various Melbourne International Games Week events (PAX, GCAP, etc.)	*City of Melbourne*

AFFILIATIONS

2018-	**Branch Executive Committee Member (Tas)** Australian Computer Society	*ACS*
2017	**Member** Golden Key International Honour Society	*Golden Key*
2017-	**Member** Linux Australia	*Linux Australia*
2017-	**Associate Member** Australian Computer Society	*ACS*
2017-	**Member** Student Ally Network (LGBT+ Support)	*UTAS*
2016-	**Student Member** Australasian Apple University Consortium	*AUC*

HOBBIES & COMMUNITY INVOLVEMENT

2016-	**Member** University TECH Society (attending networking and workshop events)	*UTAS*
2016-	**Member** Tasmanian University Tabletop Society	*UTAS*

Local Community Member   Various Groups
Tasmanian technology and game development communities   *2016 - Current*

- Frequent attendee and volunteer at local events, both technical- and networking-focused (e.g. ACS events, TasICT events, independent events held at Enterprize or Factory Floor)
- Involved with TasGDS, a society dedicated to facilitating the networking and sharing of ideas among both professional and independent game developers in Tasmania

Referees

Tony Gray   Chair, AUC
Character Reference - Organiser of /dev/world   *[redacted]*

Peter Ward   Owner/GM, Sherwood Services Club
Professional Reference - Previous Employer   *[redacted]*

Valerie Ford   Legal Aid Queensland
Character Reference - Lifelong Family Friend   *[redacted]*