

Campbell GORMAN

0455 588 244 | Campbell.Gorman@gmail.com | <https://www.linkedin.com/in/campbell-gorman/>

Education

University of Technology Sydney

Feb/2015 - Dec/2020

*Bachelor of Engineering (Honours) (Software Engineering [Real-Time Systems]),
Diploma in Professional Engineering Practice*

- Faculty of Engineering and Information Technology Dean's List 2018 & 2020
- UTS-IEEE Capstone Award 2020
- Distinction Average GPA (6.15)

Professional Experience

University of Technology Sydney, Broadway

Jul/2020 - Current

Research Assistance (0.5 years - part-time)

- Development of complex, high-performance neuroscience applications including acquisition and analysis of human biosignals
- Development across multiple research projects utilising several frameworks for applications on Android, Hololens and the Robot Operating System
- Testing, development and maintenance of new and existing brain-computer interface projects
- Production of high-level architectural diagrams to convey interactions within elaborate digital systems

Dataforce Services, Bella Vista

Aug/2017 - Current

Applications Engineer (3.5 years - full-time)

- Solely responsible for the development, maintenance and testing of multiple mobile applications deployed to the App Store and Google Play with 5000+ users
- Responsible for migrating an extensive native Android codebase (Java) to a cross-platform implementation
- Integration and development of web-based systems and REST APIs including liaising with web development teams
- Communicating with end-users to develop and analyse stakeholder requirements
- Maintaining government-mandated compliance within digital systems

ASI Solutions, Botany

Nov/2015 - Jan/2016

Project Technician (3 months - contract)

- Independently contracted to the NSW Health Department for PC rollout and support
- Installed over 300 PC's in 10 weeks, approximately 100 above expectations set by previous projects

Aldi Stores, Umina

Sep/2014 - Aug/2017

Store Assistant (2.5 years - part-time)

- Consistently exceeded targets, including a scan rate 30% higher than average
- Developed an understanding of corporate processes and hierarchies

Domino's Pizza, Woy Woy

Mar/2011 - Sep/2014

Shift Manager (3.5 years - part-time)

- Coordinated business operation and directed up to 20 employees at any one time
- Extensively managed the Domino's PULSE software and regularly resolved Wyse terminal failures

Portfolio

- **Bug Blocks**
 - An offline React-Native game designed to replicate the experience of debugging
 - Recently deployed to Google Play and pending App Store approval
 - Developed to build on skills in test-driven development, analytics & user acquisition/monetisation
- **RegExOff**
 - A React-Native based multiplayer game designed to educate and challenge users with regular expressions
 - Deployed to Google Play in 2020 with an active user base and 4+ star rating
 - Written to enhance skills in user management as well as cross-platform & back-end development
- **Barebones XML**
 - A native Android app for viewing and editing local XML files developed to improve remote debugging
 - Deployed to Google Play with over 1,000 downloads
 - Created to improve skills in native Android development, error management & deployment procedures
- **AR Based BCI Control for Autonomous Agents**
 - An engineering capstone research project to test the performance of AR-based brain-computer interface control in an uncontrolled environment
 - Received the UTS-IEEE Technology Award for innovation and potential for commercialisation

Technical Skills

- **Programming Languages**
 - **Java, Kotlin (Coroutines, Multi-Platform [JS/JVM]), Typescript / Javascript** - Developed in the UTS course 'Software Engineering Studio' and applied through application development at Dataforce Services including management and migration of legacy codebases
 - **Python, PHP, SQL, C#, C, SQL (PL/SQL & PostgreSQL), HTML & CSS**
- **Application Frameworks**
 - **Android, React Native and React (Gatsby & CRA)** - Testing (Espresso, React-Testing-Library & unit testing), maintenance and development skills gained through UTS course 'Applications Programming' and applied professionally at Dataforce Services
 - **Firebase, .NET Core, Unity, & Node.js**
- **UI Design** - Developed mobile and desktop user experience mocks with Adobe XD and Figma
- **Version Control** – Experience with Git, Bitbucket and GitHub through personal projects and professionally applied through collaboration at Dataforce Services and group software assignments in UTS course 'Software Engineering Studio'

Transferable Skills

- **Communication** – Refined techniques in the university subject 'Engineering Communication' and participation in collaborative assignments such as the development of mobile applications in groups of up to 10
- **Leadership** – Improved through role as SCRUM master in UTS course 'Software Engineering Studio' and awarded the 2016 Rotary Youth Leadership Award
- **Time Management** – Enhanced through the concurrent completion of up to 4 university subjects alongside full-time employment
- **Teamwork** – Developed extensively throughout university study, personal projects and employment at Dataforce Services and ASI Solutions