Daniel Osmond

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EDUCATION

Bachelor of Engineering (Data) (Honours) & Diploma of Professional Engineering Practice – University of Technology Sydney   **January 2018 – December 2022 (Expected)**

- High Distinction: C Programming, Data Engineering, Data Analytics, Mathematical Modelling
- Distinction: Engineering Communication, Sensing Actuation and Control (Embedded C)
- Grade Point Average 3.69/4.0

Higher School Certificate – Ryde Secondary College, Ryde   **January 2012 – December 2017**

- Band 6 in Engineering Studies and Mathematics
- E3 in Mathematics (Extension 1)
- High Distinction UNSW International Centre for Assessments and Schools Computing & Digital Technologies (2012, 2013, 2014, 2015)
- Distinction National Computer Science School Python Challenge (2013)

EMPLOYMENT

Research Engineer – University of Technology Sydney   **November 2018 – Current**

- Development of IEEE 802.15.4 style (Low Rate Personal Area Network) network stacks
- Create technical demonstrations for patent application process and venture capital presentations
- Develop Software Defined Radios using a combination of Python and GnuRadio

Student Promotions Representative – University of Technology Sydney   **November 2018 – Current**

- Representative of Engineering Faculty promoting UTS for potential and incoming students
- Assist with coordination of events and school visits, and assist in running of ongoing events

Customer Care Associate – Big W, Top Ryde City   **September 2014 – Current**

- First point of contact for customers both visiting the store, and calling by phone
- Manage inquiries about stock and delivery schedules as well as receiving inbound stock
- Provide technical assistance to customers in relation to technology purchase
- Use interpersonal skills to manage interactions between other staff and customers

Work Experience – Toshiba Asia Pacific, Macquarie Park   **October 2014**

- Shadowed technical team members, helping with tasks such as IT support, database management, and PBX Telephony Routing

LEADERSHIP

College Prefect – Ryde Secondary College **October 2016 – October 2017**
Role responsibilities included:

- Planning school, charity, and community events
- Master of Ceremonies at formal college events, as well as school functions
- Acted as an intermediary between teaching staff and students

Audio-visual Team Supervisor - Ryde Secondary College **June 2015 – October 2017**
Role responsibilities included:

- Supervised a team of 20 student technicians
- Preparing and displaying audio-visual presentations during college events
- Troubleshooting and preparing audio-visual equipment

TECHNICAL SKILLS

Programming

Proficient in: C, Python, HTML, CSS

Databases

Competent with common relational databases, such as SQL and Microsoft Access

Word Processing

Experienced with common word and document processing applications such as Microsoft Word, Adobe Acrobat and Nano

Analytics

Experienced with mathematical, statistical, and analytical suites such as Excel, MatLab, MiniTab and Knime

OTHER QUALIFICATIONS

- Construction Induction Card (White Card)
- Working With Children Check

OTHER INTERESTS

- Soccer – Club Level
- Trumpet – Member of High School Jazz Band
- Cooking

REFEREES

Available Upon Request