

Jeremy Olliffe

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Career Objective

5th year (2022) Mechatronic Engineering and Language and Cultures student. Highly interested in hardware level programming and creating software interfaces for mechatronic systems. Excited to work in a team developing the latest technology in the electronics or robotics industry.

Education

Bachelor of Engineering (Honours) (Mechatronics)
Bachelor of Global and Language Studies (German)

March 2018 – 2023 (expected)

March 2018 – 2023 (expected)

University of Technology Sydney

- Currently achieving an 82.51 WAM (transcript on request)
- Short-listed 2018 Engineers Without Borders Project – Presented at Sydney Convention and Exhibition Centre

Technical Skills

Programming Languages

- Node.js Javascript/Typescript
- Embedded Software (C, C++)

Software

- Desktop/Server Linux (Ubuntu, Debian, Manjaro)
- SolidWorks
- Docker and Docker Swarm
- NGINX
- MongoDB
- Google Cloud: BigQuery, Firebase, Cloud Firestore
- Data warehousing

Experience and Key Responsibilities

Evie Networks – Software Engineer

Apr 2022 – Present

- Assessment and support of rolling out business-wide data warehousing solution
- Development of custom docker-based services to monitor site status
- Development of API for third party access

Evie Networks – Intern Energy Solutions Engineer

Jan 2022 – April 2022

- Optimising energy tariff assignment for EV charging sites located across the country
- Development of an energy cost COGS model to support budget operations
- Performing power viability assessments
- Automating the monthly reporting workflow

Ultimate Paintball Camden – Senior Referee

Feb 2016 – Jan 2022

- Working in a team of 10+ to prepare and maintain specialised paintball equipment for weekends of 150+ customers
- Working under high pressure conditions, to a time limit, where immediate steps must be taken to minimise any potential risk
- Managing employees and ensuring that all tasks are completed within the designated time limit

Transferrable Skills

Communication

- Ability to interact and communicate with customers and clients developed through 5+ years' experience at Ultimate Paintball
- Able to liaise with colleagues and management on building and repair projects

Team Skills

- Acknowledged by colleagues and employer for customer service and team involvement. Received multiple online 5-star reviews.

Time Management

- Able to balance priorities and complete all required tasks to a deadline. Currently maintaining 4 days of face-to-face university with 4 days of casual work while still receiving high marks in all subjects.

Other Languages

- Intermediate German

Referees

Available on request