

Michael Larsen

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E-portfolio: <https://michaellarsen.netlify.app/>

Experience

Siemens Energy, Intern - Technical

Feb 2020 - Apr 2020, Mar 2021 - July 2021 | Sydney, AUS

- Created a dashboard to display the energy output of power stations. I used Python for web scraping data and JavaScript for visualisation.
- Commissioning team member for power station control systems upgrade where I had to implement and test large-scale networks, signals and systems.
- Project timelines and engineering reports

OneWiFi Australia, Telecommunications Associate

Jul 2018 - Jan 2019 | Sydney, AUS

- Won tender for Smart City lighting design and Implementation in rural town
- Contributed to successful proposals and expression of interests for Smart City projects
- Site visits – troubleshooting Wi-Fi networks
- Dealing with corporate customers
- Configuring routers, modems and proximity sensors

Skills

- **Problem solving** through troubleshooting and testing control system signals and electrical circuits
- **Written and verbal communication** through tendering, client meetings and customer interaction
- **Teamwork and adaptability** by working in multi-disciplinary teams at various stages of projects
- **Creativity and technical ability** by collecting and visualising data into a dashboard
- **Software development and Leadership** through leading software teams in university classes

Education

University of Technology Sydney

B.Eng (Software), Dip. Professional Engineering Practice

- Distinction average
- Dean's List Engineering 2021

Feb 2017 - Jul 2022

Tools

Tools: Github, Trello, Adobe XD, Python, C#, JavaScript, React, Node.js, CSS, SASS, Microsoft Office, Android Studio

Extracurricular & Interests

Finance: US/ASX stock market investment and analysis, cryptocurrency trading and analysis

Music: Guitar, Piano, Production (Ableton Live DAW)

Sports: Surfing, running and personal fitness

Cars: Servicing, body work, welding, metalwork, woodwork

Referees

Available on request