

## WORK EXPERIENCE

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### Digital Presence

*Software Engineer Intern*

**Nov. 2020 – Present**

*Sydney, NSW*

- Developed web-scrapers using **BeautifulSoup Python** library, **Google's Custom Search API**, and website backlink analysis collecting the data of over **1200 potential SEO clients'** contact details.
- Managed the webhosting of **120 websites** using **cPanel** and **WordPress**, ensuring constant uptime and quality SEO for over **40 clients**.

### Epiroc

*IT Support Specialist*

**Feb. 2019 – Present**

*Sydney, NSW*

- Innovated the automation of asset return/obsolete ticket follow-up emails using **Python** by developing scripts which routinely send reminders to users worldwide, improving ticket completion time by **80%** and asset return rate by 65%.
- Quickened the company's standard user laptop build method using **shell/C** by developing scripts which systematically generate instruction documents, optimizing laptop build time by an average of **30 minutes**.
- Enhanced the testing method of file servers by developing scripts in **Windows PowerShell** which produce statistics on the execution time taken to open different sized files of various types, allowing the benefit of digitalized precision.

## PROJECTS

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- **Recipe Scraper:** Produced a web-application using **Python, Flask**, and **HTML/CSS** which web-scrapes and converts online recipes into a simplified, cleaner format.
- **Slackr:** Constructed a backend of a digital collaboration and communication tool for groups/teams in **Python** and **Flask**, implementing user abilities to execute channel, message, and profile functions within a website.
- **Gloria Romanus:** Developed a "Risk" style video game using **Java, JavaFX**, and **ArcGIS Runtime**.

## EDUCATION

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### UNSW

*Bachelor of Computer Science – 2<sup>nd</sup> Year*

**Feb. 2019 – Dec. 2021**

*Sydney, NSW*

- WAM: 80.15

## ACTIVITIES/LEADERSHIP/EXTRA-CURRICULARS

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### Honeywell/Real Skills Education – STEM Leaders Program

*Group Leader*

**Jan. 2020 – Feb. 2020**

*Sydney, NSW*

- Orchestrated the construction of a mobile phone web-based application within a team using **JavaScript** and **augmented reality** providing a user with navigation instructions to an intended destination within a building.
- Undertook training in **leadership, brand promotion, and emotional awareness** in a 1-month workshop.

## HONORS/AWARDS

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- Top 3 Rescue Robot design featured in UNSW Engineering Design Day for innovative rough terrain solution.