

SAM JACOBS

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Sydney, NSW, Australia

<https://samjacobs.me/>

EDUCATION

University of Sydney

2018 - 2021

Bachelor of Advanced Computing (Honours): Majoring in Computer Science

Current Average Mark: 84.2

Killara High School

2011 - 2016

ATAR: 97.4

EXPERIENCE

Software Engineer Intern, Signify Dynalite (Philips Lighting)

2019-2020

Worked with stakeholders to develop solutions to restoring an outdated touch panel editor. Automated the conversion process of outdated web pages to HTML5 using Javascript and Gulp.

Academic Tutor, University of Sydney

2019-Present

Teaching INFO1910 Introduction to Programming (Advanced) (Python, C) and INFO1112 Computing 1B OS & Network Platforms (Bash, Python). Running classes of 15-30 students and workshops.

Health Promotion Consultant, NSLHD

2016-2021

Working in a specialised team of 15-24 year old youths who consult across departments within the local health district. The team develops and gives advice on campaigns with the goal of improving health outcomes for young people.

TECHNICAL SKILLS

- | | | | |
|----------|--------------|-----------|--------------------|
| • Python | • Javascript | • Git | • Data Structures |
| • Java | • Bash | • PyTorch | • Algorithm Design |
| • C | • HTML | • Linux | • Concurrency |
| • SQL | • CSS | • Lisp | • Security |

VOLUNTEERING

Humanitarian Engineering Fieldwork, Myanmar

2020

Working with an NGO based in Yangon, Myanmar to develop solutions to storing potable water in informal settlements.

Programming Mentor, University of Sydney

2019

Assisted students in Introduction to Programming (Python) and Object Oriented Programming (Java) as part of the USYD Mentor Programme.

Engineers Without Borders, Australia

2019-Present

Travelling around regional NSW to deliver humanitarian engineering seminars to regional schools. Participating in multi-day humanitarian engineering conventions.

ACHIEVEMENTS

- University of Sydney Academic Merit Prize
- Dean's List of Excellence in Academic Performance 2020
- School of Computer Science High Honour Roll 2020
- Highest mark in COMP5046: Natural Language Processing