SAM JACOBS

Sydney, NSW, Australia

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EDUCATION

University of Sydney *2018 - 2021*
Bachelor of Advanced Computing (Honours): Majoring in Computer Science
Current Average Mark: 82.9

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Worked with stakeholders to develop solutions to restoring an outdated touch panel editor.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-Present*
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.

Freelance Work and Projects *2019-Present*
https://samjacobs.me/   My website, including my projects
http://www.phelpsreid.com.au/   Website Manager
YouthSource   Consulting and designing a health service auditing tool

TECHNICAL SKILLS

- Python
- Javascript
- Git
- Data Structures
- Java
- Bash
- Lisp
- Algorithm Design
- C
- HTML
- Linux
- Concurrency
- SQL
- CSS
- Bootstrap
- 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.