

SAM JACOBS

Sydney, NSW, Australia
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EDUCATION

- University of Sydney** *2018 - 2021*
Bachelor of Advanced Computing (Honours)
Majoring in Computer Science
- Killara High School** *2011 - 2016*
ATAR: 97.4

EXPERIENCE

- Software Intern, Signify Dynalite (Philips Lighting)** *2019-2020*
Worked with stakeholders to develop solutions to restoring an outdated touch panel editor. Involved automating the conversion process of outdated web pages to HTML5 using Javascript and Gulp.
- Programming Teacher, University of Sydney** *2019-Present*
Teaching INFO1110 Introduction to Programming (Python). Running three weekly classes of 15-30 students as well as one-on-one workshops.
- Health Promotion Consultant, NSLHD** *2016-Present*
Working in a team of well trained 15-24 year old youths, the team consults with departments across the local health district to improve youth health outcomes and campaigns concerning young people.
- Freelance Work and Projects** *Ongoing*
<https://samjacobs.me/> Github pages website, previously hosted on a Raspberry Pi
<http://youthsource.com.au/> Currently designing updates
<http://www.phelpsreid.com.au/> Updates and changes

TECHNICAL SKILLS

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|----------|--------------|---------|------------|
| • Python | • Javascript | • Lisp | • Flask |
| • Java | • HTML | • Git | • Gulp |
| • C | • CSS | • Linux | • Latex |
| • SQL | • Bootstrap | • Bash | • R Studio |

VOLUNTEERING

- Humanitarian Engineering Fieldwork, Myanmar** *2020*
Working with an NGO based in Yangon, Myanmar to develop solutions to storing potable water in slum areas of the city.
- Programming Mentor, University of Sydney** *2019*
Assisted students in Introduction to Programming and Object Oriented Programming as part of the USYD Mentor Programme.
- Engineers Without Borders, Australia** *2019-Present*
Travelling around regional NSW to deliver humanitarian engineering seminars. Participating in single and multi-day humanitarian engineering conventions.