

# SAM JACOBS

Sydney, NSW, Australia  
(+61) 426 192 626 ◊ samjacobs7878@gmail.com

## 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** *2019-2020*  
Over three months, worked with stakeholders to develop the automated conversion process of an outdated touch panel editor onto modern touch panels that control lights around the world.
- Programming Teacher, University of Sydney** *2019-Present*  
Teaching INFO1110 Introduction to Programming (Python). Running two weekly classes of 15-30 students and 3-4 one-on-one workshops a week.
- Health Promotion Consultant, NSLHD** *2019-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*  
<http://samjacobs.me/> Personally hosting on a Raspberry Pi  
<http://youthsource.com.au/> Currently designing updates  
<http://www.phelpsreid.com.au/> Updates and changes

## TECHNICAL SKILLS

---

- |          |              |         |            |
|----------|--------------|---------|------------|
| • 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.