# CHelly, Stewart



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and Diversity
Representative Executive
of Sydney University IT
Society

Third year in Bachelor of Computer Science at the University of Sydney

Cert III in Information and Digital Technologies

Python, HTML, CSS, Javascript, AngularJS, Javas SQL, Common Lisp, Emacs Lisp, Lua, C, C#, Git, LÖVE, Photoshop, Unity, Flask

### Work History

#### **STEP Intern**

Full time intern Google December 2017 - February 2018

- 12 week internship
- Used AngularJS, Google AppEngine and webapp2
- Worked on the Maps User Generated Content team
- Refactored CSS into LESS and Python to comply to style guides
- Worked with large amounts of data that needed to be manipulated efficiently

#### **Undergraduate Tutor**

Casual University of Sydney 2017

- ENGG1805 Professional Engineering and IT
- INFO1105 Data Structures
- 2 two-hour labs per week
- Introduced students to data structures and big-O analysis
- Helped students with Java assignments
- Marked assignments and exams

#### **Competition Tutor**

Casual GrokLearning March 2017

- 4 weeks of online tutoring for Web.Comp
- High school aged students
- Answered questions and helped students with HTML and CSS problems

## Volunteer History

### National Computer Science School Camp

2017-18 - tutor

- Worked with a team of 6 tutors to manage a classroom of 17 students for 10 days for students years 10-12
- Provided support with developing a web application with Tornado, including Python, SQL and web design, and developing a health-focused embedded project with the BBC Micro:Bit

### Girl's Programming Network

May 2017 - Stream coordinator

- Tutored a classroom of year 5 - 8 students
- Helped create content for workbooks and computerless computing games
- Provided advice and support to students learning Python

# Sydney University IT Society

2017 Diversity Representative Executive

- Helped organize a
   Diversity in Tech panel in collaboration with USU as part of Verge Festival
- Helped with weekly events
- Provided newsletter content for diversityrelated tech events in Sydney

### **Events**

### Global Game Jam

2017

- Worked with a team of 7 to create a game in 48 hours
- Learned Unity and C# on the spot during the game jam
- Became main programmer halfway through the jam
- Received an Honorable Mention jammy award

### UniHack

2017

- Worked with a team of 4 to create a software project over 24 hours
- Used machine learning libraries to create recommendation software
- Received awards for best teamwork and algorithms



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