# Luke Tuthill

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## University

BCsT at University of Sydney 2017 - 2019

First Year Rep IT Society MAR 2017

Events Coordinator IT Society SEP 2017

## Experience

### Software Developer, CSIRO 2018

Hired as a casual developer at CSIRO Astronomy and Space Sciences developing and migrating legacy code.

### NCSS Challenge AUG-SEP 2017

Volunteered to mentor and support high school students online in a 5-week Python programming competition.

### Zero Robotics AUG 2017

Volunteered to mentor, teach, coordinate, and support high school students from two schools in an international space-themed virtual robotics competition over the period of six months, involving lecturing to classes of around 30 on subjects such as Git and C.

### University Mentoring MAR-JUL 2018

Invited to become a volunteer mentor for the University of Sydney's Intro to Programming course, assisting the tutor to teach Python to first years.

## Skills

Python | Git | Linux | Haskell | Java

HTML/CSS | JavaScript | C | Arduino

## Achievements

Attained Queen's Scout Award AUG 2017

Third Place in Zero Robotics JAN 2017

Selected as an NCSS Returner JAN 2017

Selected to participate in NCSS JAN 2016

Achieved 82.85 HSC ATAR DEC 2016

Achieved Band 6 in HSC Software DEC 2016

## Projects

`https://uniplan.herokuapp.com`

A Python/Bottle project made for Unihack Sydney 2017 that helps students with their assessment timetables and study plans by displaying the dates and weightings of every assessment task, parsed live from various university websites.

`github.com/lyneca/eidoclock`

A GitHub Pages site that shows a day/night cycle clock for an online game.

`github.com/lyneca/fb-messages-parser`

An extendable python class that can parse Facebook Messenger data dumps.

`github.com/lyneca/zrbot`

A Slack App and command webhook used by several Zero Robotics teams to query and display the ZR Manual.

`github.com/lyneca/IoT`

My 2016 HSC Software Major Work: Six portable embedded weather stations running on the Arduino platform that report to a central graphing server that graphs and logs the data.