

# Luke Tuthill

☎ 0402 939 735 | ✉ lukemtuthill@gmail.com | 🔗 linkedin.com/in/lyneca/ | 🐙 github.com/lyneca

## University



BCsT at University of Sydney	2017 - 2019
First Year Rep IT Society	MAR 2017
Events Coordinator IT Society	SEP 2017 - PRESENT

## Experience



University Tutoring JUL-NOV 2018

Invited to become a paid tutor for the University of Sydney's Physical Computing course, teaching Arduino programming and design concepts to several classes of 30 first years. This involved lecturing, giving one-on-one help, and creating content for the classes.

Software Developer, CSIRO APR 2018

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

NCSS Challenge AUG-SEP 2017/18

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

Zero Robotics AUG 2017/18

Volunteered to mentor, teach, and support high school students from several 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.

## Skills



Python Git Linux Rust 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 from various university websites.

[github.com/lyneca/deco-ref](https://github.com/lyneca/deco-ref)

An in-development reference list of Arduino functions for DECO1013, live on GitHub Pages.

[github.com/lyneca/eidoclock](https://github.com/lyneca/eidoclock)

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

[github.com/lyneca/fb-messages-parser](https://github.com/lyneca/fb-messages-parser)

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

[github.com/lyneca/zrbot](https://github.com/lyneca/zrbot)

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