

---

# JACK EADIE

---



jack.eadie0@gmail.com



0488 590 688



linkedin.com/in/jack-eadie



@jeadie

jeadie.github.io

---

## EXPERIENCES

### RHOK Hackathon November 2016

Designed & built findmeawalk.com campaign for Oxfam Trailwalkers. Integrated **open source GIS** data to generate walk routes.

### IYPT Australia Judge March 2016

Judged senior school physics debates and helped select the Australian team for the International tournament in Russia

---

## SKILLS

Python, C#, MATLAB, Java, C, JavaScript, HTML, C++, Shell, SQL

---

## EXPERIENCE

---

### JUNIOR PROGRAMMER: QUEENSLAND BRAIN INSTITUTE

March 2017 – Present

Delivered a slide cropping software to segment and crop propriety hdf5 on laptop specifications. Implemented custom image segmentation and cropping heuristics.

Delivered **Django** questionnaire app for research teams to organize their study.

Use of frameworks not limited to: Numpy, Scipy, scikit h5py, Pillow, WxPython, time\_it, line\_profiler and Django

### INTERN: DEPARTMENT OF DEFENCE

November 2017 – February 2018

Developed **Python** and **C#** solutions to augment the preexisting tool suites designed for assessing network security.

### RESEARCH SCHOLAR: SCHOOL OF MATHEMATICS AND PHYSICS UQ

June 2017 – July 2017

Modelled the effects of Rho signaling at cell-cell junctions during mass cell migration.

**MATLAB** based modelling with extensive use of visualization tools for non-mathematically inclined researchers (IMB scholars).

### SOFTWARE INTERN: NETENGINE

November 2016 – February 2017

Developed and redesigned features on legacy **Ruby on Rails** based applications.

Exposure to basic web languages and framework such as SQL, HTML, CSS, JavaScript.

### PRIVATE TUTOR: BRISBANE GRAMMAR SCHOOL

February 2016 – Present

Private one-on-one tutoring for high school students in Physics, Chemistry, Mathematics, English, Economics

---

## EDUCATION

---

### BE (HONS) SOFTWARE / BMATH

University of Queensland

GPA: 6.85

Received Dean's Commendation for Academic Excellence every semester

### QUEENSLAND CERTIFICATE OF EDUCATION

Brisbane Grammar School

ATAR: 99.80

Received R H Roe Scholarship February 2016