JACK EADIE

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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

BACKEND ENGINEER: MAXWELL PLUS
May 2018 – Present
Work on Maxwell Cloud to improve the backend infrastructure specifically in big data processing and machine learning domains.

Experience using GCP, TensorFlow and other standard ML and mathematical python libraries.

JUNIOR PROGRAMMER: QUEENSLAND BRAIN INSTITUTE
March 2017 – May 2018
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.

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
Received Dean's Commendation for Academic Excellence every semester

QUEENSLAND CERTIFICATE OF EDUCATION
Brisbane Grammar School
Received R H Roe Scholarship February 2016