

Harry J. Newton

QUT COMPUTER SCIENCE STUDENT

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Education

QUT(Queensland University of Technology)

B.S. IN COMPUTER SCIENCE, MINOR OF NETWORKS AND SECURITY

Queensland, Australia

Jan 2018 - PRESENT

TAFE Brisbane, South Bank

DIPLOMA IN NETWORK ENGINEERING

- Certificate in CCNA Routing and Switching: Connecting Networks & Scaling Networks
- Certificate in Microsoft Server

Queensland, Australia

Jan 2017 - Nov 2018

Skills

Programming

Python, C/C++, C#, Java, SQL/NoSQL, Javascript, LaTeX, Bash

Network Security & Administration

Linux, Cisco, Penetration and Network Auditing, Systems Administration, Cryptography, DevOps

Cloud Computing

AWS, Docker

Web

Django, Flask, Express, HTML5, React.JS, Data Visualisation, Data Aggregation, Web API's

Data Science

Pandas, Numpy, Power BI, Plotly Dash

Languages

English

Experience

ConocoPhillips

DATA ANALYST

Milton, Brisbane

December 2019 - February 2020

- I performed data analysis on the HSE data, generating dashboards for the HSE team at ConocoPhillips. The dashboards provided essential insight into the potential dangers happening on site at the LNG plants. All HSE related activities were monitored through the dashboards in order to keep track of ongoing and completed audits. By improving this system, it allows for a more efficient business workflow for the company as HSE operations can be time consuming and costly.

GYROstream

WEB DEVELOPER (CAPSTONE INTERN)

Fortitude Valley, Brisbane

August 2019 - June 2020

- Developed and improved their analytics system within their website. The analytics system is to help artists gain a statistical understanding of how well their music is performing on streaming platforms. Data is aggregated from several music streaming and social media API's and visualised within a dashboard. The technologies developed during the project have helped the company understand how their business decisions affect the performance of their artists.

Code Camp

HEAD TEACHER

Queensland, Australia

Sept 2017 - PRESENT

- Within 3-4 days, we teach children to code 2D and 3D games

Self Employed

FREELANCE WEB DEVELOPER

Queensland, Australia

July 2019 - PRESENT

- I make and maintain websites for businesses. I manage the websites weekly, providing consistent SEO maintenance to keep the client at the top of their searches.

Extracurricular Activity

QUT Code Network

MEMBER

Brisbane, Queensland

Jan 2018 - PRESENT

- Attend weekly meet-ups to discuss software project we have been working on.
- Gain valuable insight to the tech industry with presentations given by industry professionals

QUT White Hats (Hacking & Security research group)

MEMBER

Brisbane, Queensland

Jan. 2019 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including Networks, Lock picks, etc.
- Participated in several CTF competitions hosted by the Club

QUT Start-up Hatch Program

MEMBER

Brisbane, Queensland

Jan 2019 - Mar 2019

- Gained valuable insight into how to start and run a start-up business

Arcare

VOLUNTEER

Gold Coast, Queensland

Jan 2017 - Jul 2017

- Provided IT maintenance at an aged care facility, focused on caring for dementia patients.

Blue Mountains City Council

VOLUNTEER

Blue Mountains, NSW

Dec 2018

- Contributed toward building paths within the blue mountains trails.

Honors & Awards

INTERNATIONAL

2019 **Peoples Choice Award**, Code Network Winter Hackathon

*Fortitude Valley,
Brisbane*