Harry J. **Newton**

QUT Computer Science Graduate

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Education

QUT(Queensland University of Technology)	*Queensland, Australia*
B.S. in Computer Science, minor of Networks and Security	*January 2018 - November 2020*

TAFE Brisbane, South Bank	*Queensland, Australia*
Diploma in Network Engineering	*January 2017 - November 2018*

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

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	*Milton, Brisbane*
Data Analyst	*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 in real time, rather than a weekly basis. 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	*Fortitude Valley, Brisbane*
Web Developer (Capstone Intern)	*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 and how they can better help them.

Code Camp	*Queensland, Australia*
Head Teacher	*Sept 2017 - PRESENT*

- Within 3-4 days, we teach children to code 2D and 3D games. This improved my ability to derive simple explanations from complex concepts, as children as young as seven needed to learn programming fundamentals in order to make these games.

Self Employed	*Queensland, Australia*
Freelance Web Developer	*July 2019 - PRESENT*

- I design 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   *Brisbane, Queensland*

Member   *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)   *Brisbane, Queensland*

Member   *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   *Brisbane, Queensland*

Member   *Jan 2019 - Mar 2019*
- Gained valuable insight into how to start and run a start-up business

Arcare   *Gold Coast, Queensland*

Volunteer   *Jan 2017 - Jul 2017*
- Provided IT maintenance at an aged care facility, focused on caring for dementia patients.

Blue Mountains City Council   *Blue Mountains, NSW*

Volunteer   *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*