Harry J. **Newton**

INDIE DEVELOPER AND BUG BOUNTY HUNTER

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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 OF DIPLOMA OF INFORMATION TECHNOLOGY (ADVANCED NETWORKING AND SYSTEM ADMINISTRATION)	*January 2017 - November 2018*

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

Skills

Programming	Python, Bash, Rust, C/C++, C#, Java, SQL/NoSQL, Javascript/Typescript
Network Security & Administration	Linux, Cisco, Penetration testing and Network Auditing, Systems Administration, Cryptography, DevOps
Cloud Computing	AWS, GCP (Firebase) , Docker
Web	Django, Flask, HTML5, Next.JS
Data Science	Pandas, Numpy, Tensorflow
Languages	English

Experience

ConocoPhillips	*Milton, Brisbane*
DATA ANALYST	*December 2019 - February 2020*

- I performed data analysis and dashboard design for the HSE team at ConocoPhillips. The dashboards provided essential insight into heal and safety events happening at the LNG plants. All HSE related activities were monitored through the dashboards in real time in order to keep track of ongoing and completed audits.

GYROstream	*Fortitude Valley, Brisbane*
WEB DEVELOPER (CAPSTONE INTERN)	*August 2019 - June 2020*

- Developed software to pull data from Apple and Spotify API's into a database for an analytic system. The system is to help artists gain a statistical understanding of how well their music is performing on streaming platforms.

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

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