Colton Randall

Postgraduate IT / Programming Student

I am a postgraduate programming student with experience in bioinformatics. My curiosity and creativity coupled with studying and working in varying disciplines has helped me build a diverse skill-set while improving my communication, adaptability. I enjoy working as part of a team that values diversity, integrity and accountability. *I* have a positive and dedicated approach to continuous learning.

✉ coltondominicrandall@gmail.com

📱 +64212517276

📍 Auckland, New Zealand

🌐 coltonrandall.github.io/

in linkedin.com/in/coltonrandall

○ github.com/ColtonRandall

TECHNICAL SKILLS

Programming	Java, Python 3, Bash / command line proficiency.	**Web Development**	JavaScript/JSON, HTML, CSS, Node.js, SQL

PERSONAL PROJECTS

Personal Website Portfolio (03/2021 - Present)
- Building my first website portfolio applying knowledge acquired throughout my postgraduate studies.

Bulls and Cows Game (03/2021 - 04/2021)
- Used Object Oriented Java programming techniques to develop a fully functioning game. Other skills used: Abstraction, File I/O, UML diagrams.

Pokemon Website (03/2021 - 04/2021)
- Used HTML, CSS and JavaScript programming techniques to develop a functioning and interactive webpage.

Magic 8 Ball - Python (10/2020 - 10/2020)
- My first personal project. Used self-taught python programming skills to develop an interactive magic-8-ball application.

EDUCATION

Postgraduate Certificate in IT
University of Auckland
03/2021 - Present

Bachelor of Science in Biochemistry
University of Otago
02/2015 - 12/2018   *Dunedin, New Zealand*

CERTIFICATES

- Java Fundamentals - CodeCademy (11/2020 - 12/2020)

- Python 3 - SoloLearn (08/2019 - 12/2020)

- Programming Fundamentals (Python 3) - Coursera (10/2020 - 11/2020)

- HTML, SQL and JavaScript Fundamentals - SoloLearn (04/2020 - 05/2020)

WORK EXPERIENCE

Bioinformatics Research Assistant
University of Auckland
07/2020 - 03/2021   *Auckland, New Zealand*
- Project 1: Metagenomics and genome assembly/recovery to improve Aquiluna quality.
- Project 2: Performing molecular dynamic simulations of antimicrobial peptides.

References: **Provided on request**

VOLUNTEER EXPERIENCE

Volunteer Teacher
Elite Visionary High School
06/2016 - 07/2016   *Nairobi, Kenya*
- Designed and presented Math and Physics lessons to students.

Health Administrative Assistant
Kibera Community Health Centre
06/2016 - 07/2016   *Nairobi, Kenya*
- Helped sick patients gain access to medicine and treatment.