

Ryan Tan

PENULTIMATE COMPUTER SCIENCE STUDENT · MACHINE LEARNING ENTHUSIAST

6 Etherege Place, Howick, Auckland, New Zealand

☎ (+64) 21 888 647 | ✉ rtan265@gmail.com | 📷 rtan265 | 🌐 rtan18 | 📧 @rtan265

Education

University of Auckland

BSci (HONS) IN COMPUTER SCIENCE

- Research Project: Transfer Learning using Deep Learning Techniques (in progress).

Auckland, New Zealand

Mar. 2020 - Nov. 2021 (Projected)

University of Auckland

GRADUATE DIPLOMA IN COMPUTER SCIENCE

- Undergraduate Research Project: Effects of Notifications on Productivity and Stress.

Auckland, New Zealand

Mar. 2018 - Nov. 2019

University of Otago

BSci IN NEUROSCIENCE AND GENETICS

Dunedin, New Zealand

Feb. 2014 - Nov. 2018

Work Experience

University of Auckland

GRADUATE TEACHING ASSISTANT

- Leading tutorial discussions and teaching certain topics in more detail.
- Creating videos to adapt to changes in content delivery for students.

Auckland, New Zealand

Mar. 2019 - Present

Orion Health

DATA SCIENCE INTERN

- Conducted user interviews with clinicians and data scientists, to elicit preferences for a tool.
- Built a data annotation tool using **ReactJs** and used **Git** as version control.
- Generated dummy data using **Python**, using the n2c2 dataset.

Auckland, New Zealand

Nov. 2019 - Feb. 2020

University of Auckland

RESEARCH ASSISTANT

- Built a desktop application that generates tickets and tracks data from participants.
- **C#** was used to build both the UI and logic.
- Conducted research in the domain of interruptions and multi-tasking.

Auckland, New Zealand

Mar. 2019 - Nov. 2019

University of Auckland

TEACHING ASSISTANT

- Taught fundamental software development techniques and processes in **Python**.
- Taught basic data structures and algorithms.

Auckland, New Zealand

Mar. 2019 - Jul. 2019

University of Auckland

SUMMER RESEARCH STUDENTSHIP

- Conceptualized the design of the study, and presented findings to colleagues and peers.
- Extracted biometric data from other studies using **MATLAB** scripts written by other researchers.
- Conducted literature reviews in the domain of Human-Computer Interaction, Cybersecurity and Machine Learning.

Auckland, New Zealand

Nov. 2018 - Feb. 2019

Skills

Programming Python, C/C++, C, Java, JavaScript, HTML/CSS

Frameworks ReactJs, Bootstrap

Languages English, Chinese, Bahasa, Cantonese

Projects

https://ryantan.co.nz

PERSONAL WEBSITE

- Built my personal website in a week using **ReactJs**
- Styled using a range of different UI component libraries.

World Wide Web

13 Apr. 2020