 [Resume](#)

Ryan Tan
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Education
[University of Auckland | School of Computer Science](#)
Bachelor of Science (Hons)
2020 - 2022
Graduate Diploma
2018 - 2019

[University of Otago | Genetics and Neuroscience](#)
Bachelor of Science
2014 - 2017

Skills
Python
C++
Java
HTML / CSS
JavaScript
ReactJS
C#

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Work Experience
www.aucklanduni.ac.nz > graduate-teaching-assistant Mar 2020 - Present
[Graduate Teaching Assistant | The University of Auckland](#)

Tutor for the Human-Computer Interaction Class (CS345) class. Led tutorial discussions, and taught the following concepts in detail. Created tutorial videos to adapt to changes in content delivery

Topics covered (to-date):

- Design Walkthroughs
- Contextual Inquiry
- Heuristic Evaluations
- Brainstorming and Problem Framing

www.orionhealth.com/nz/ > data-scientist-intern Nov 2019 - Feb 2020
[Data Scientist Intern | Orion Health](#)

This research project was supported by funding from the Precision Driven Health research partnership and carried out at Orion Heath.

Project: Interactive Feedback-Driven Annotation Tool

- Conducted user interviews with clinicians and data scientists to elicit requirements for the tool.
- Looked at past literature and conceptualized different solutions to solve issues brought up during user interviews.
- Built a web application using ReactJS.


www.aucklanduni.ac.nz > research-assistant Apr 2018 - Nov 2019
[Research Assistant | The University of Auckland](#)

Conducted research in the domain of Human-Computer Interaction and Cybersecurity. Conceptualized the design of the study.

Project: Investigating the effects of notifications on productivity and stress

- Built a desktop application using C# and used Git as version control.
- Recruited participants and conducted experiments using the developed application.

People also ask

What volunteering experience do I have? 

Volunteered as a Code Club Tutor for Pakuranga library, teaching children (between ages 5-15) coding using languages such as Scratch, Python, JavaScript.

Ran weekly sessions for a class of 15-20 children, some with learning difficulties.

Came up with innovative teaching methods to keep the children engaged and interested in coding.

www.codeclub.nz > volunteer > code-club-tutor

[What volunteering experience do I have? - codeclub.nz](#)