

★ CHRIS MILSON ★

chris.w.milson@gmail.com ↗

Mathematician with a love of Japan and Technology

EXPERIENCE

Japan Exchange and Teaching (JET) Programme

Kagawa, Japan

Assistant Language Teacher

Aug. 2018 –

Teaching English to children aged from 8 to 15. Helped mentor students interested in English through one-on-one and group conversations. Nurtured interest in English and New Zealand culture with games, activities, bulletin board, etc.

Flick Electric Co.

Wellington, New Zealand

Software Testing Consultant

Feb. 2018

Approved usability and database integration of a new product in the final moments of the release timeline.

Automated data fetching, removing hours of work from market research cycle.

Nyriad

Cambridge, New Zealand

Software Engineer

Dec. 2015 - Jan. 2016

Conducted research into highly parallel compression algorithm implementations to run on graphics hardware.

Being impressed by my ability, I was offered incentives to stay, but decided to pursue further study.

University Tutor

Wellington, New Zealand

200-level Mathematics

July 2017 - July. 2018

Held weekly classes and marked assignments. Rewrote course notes for Linear Algebra.

EDUCATION

Victoria University Of Wellington

Wellington, NZ

Bachelor of Science - 1st Class Honors in Mathematics

Feb. 2015 – Jun. 2018

2015 Letter from Computer Science Faculty to pursue Software Engineering

2016 Dean's List for Exemplary Results

2017 Special Dispensation to begin Postgraduate Study in Mathematics based on Dean's Recommendation

SELECTED COURSEWORK

Mathematics: Graph Theory, Matroid Theory, Topological Spaces, Set Theory, Logic, Measure Theory, Knot Theory, Functional Analysis, Combinatorics, Calculus, Statistical Methods, Cryptography, Coding Theory, Linear Algebra

Computer Science: Algorithm Design and Analysis, Data Structures, Compilers, Networking, Databases

PERSONAL PROJECTS

Sorting Visualiser - shlappas.com/sorting-visualiser ↗

· **Technologies Used:** React, Service Workers, HTML/CSS

React Not Typist - npmjs.com/package/react-not-typist ↗

· **Technologies Used:** React Hooks, Levenshtein Distance, HTML/CSS

SKILLS

Languages/Architectures: TypeScript/JavaScript, Python, HTML/CSS, Git, React, Ubuntu, Arduino

Interpersonal: Japanese Language Proficiency, Leadership, Teamwork, Teaching