

CHRIS MILSON

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Mathematician with a love of Japan and Technology

EXPERIENCE

Japan Exchange and Teaching (JET) Programme

Kagawa, Japan

Assistant Language Teacher

Aug. 2018 – present

Teaching English to children aged 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.

Nyriad [↗](#)

Cambridge, New Zealand

Software Engineering Intern

Nov. 2015 – Jan. 2016

While at Nyriad, a company founded to design software for the SKA (The largest telescope searching for alien life), I conducted research on modifying compression algorithms to run on graphics hardware.

Flick Electric Co.

Wellington, New Zealand

Software Tester

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 the market research cycle.

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

My favourite paper was topology, because it is incredibly beautiful maths. I liked how the definitions of seemingly hard to define concepts like connectedness or continuity seemed so simple and natural.

UNIVERSITY COURSEWORK

Mathematics: Cryptography, Graph Theory, Coding Theory, Set Theory, Topology, Logic, Linear Algebra

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

PUBLICATIONS

[Sorting Visualiser](#) [↗](#)

[React Not Typist](#) [↗](#)

[Numbers In Words](#) [↗](#)

[Github.io](#) [↗](#)

[Web Synth](#) [↗](#)

SKILLS

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

Interpersonal: Japanese Language Proficiency, Leadership, Teamwork, Teaching