

★ CHRIS MILSON ★

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Mathematician with a love of Japan and Technology

## EXPERIENCE

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### 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

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### Victoria University Of Wellington

*Wellington, NZ*

*Bachelor of Science - 1<sup>st</sup> 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

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

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

## PUBLICATIONS

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[Sorting Visualiser](#) ↗

[React Not Typist](#) ↗

[Numbers In Words](#) ↗

[Github.io](#) ↗

[Web Synth](#) ↗

## SKILLS

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

**Interpersonal:** Japanese Language Proficiency, Leadership, Teamwork, Teaching