

★ 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 –*

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

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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

## SELECTED COURSEWORK

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**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

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**Sorting Visualiser** - [shlappas.com/sorting-visualiser](http://shlappas.com/sorting-visualiser) ↗

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

**React Not Typist** - [repository on github](https://github.com) ↗

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

## SKILLS

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

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