

## EXPERIENCE

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### 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 Quality Assurance Consultant*

*Feb. 2018*

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

### Nyriad

*Cambridge, New Zealand*

*Software Engineer*

*Dec. 2015 - Jan. 2016*

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

## 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 Outstanding Results.

## 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

**CS:** Design and Analysis of Algorithms, Data Structures, Compilers, Databases, TCP-IP, Software Development

## PERSONAL PROJECTS

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### Kagawa AJET Website - [kagawa-ajet.herokuapp.com](http://kagawa-ajet.herokuapp.com) ↗

*Jul. 2019 -*

- Developed a public website to bring together both foreign and local people in Kagawa.
- **Technologies Used:** React, Service Worker Caching, Heroku, HTML/CSS, Markdown, MongoDB

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

*Oct. 2019*

### React Not Typist - [repository](https://github.com/chriswmilson/react-not-typist) ↗

*Oct. 2019*

## HONOURS & AWARDS

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## SKILLS & INTERESTS

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### Tech Skills:

- **Languages:** *proficient:* JavaScript, Python, HTML/CSS, C, C++; *competent:* CUDA, Java, SQL
- **Experienced:** Git, React/Bootstrap/Pug, Ubuntu, Arduino

**Interpersonal:** Japanese Language Proficiency, Leadership, Teamwork, Customer Service, Time Management, Public Speaking & Presenting, Teaching

**Interests:** Food, Music, Travel