# Emmet Murray

as of April 26, 2019

## Work Experience

**Microsoft** - Software Engineering Intern
November 2018 - February 2019

- Intern in the Business Applications Group working on the Power Platform Admin Center.
- Built customer facing and accessible frontend experiences using React, Typescript and Redux
- Built MVC modelled backend services in C# to support frontend experiences
- Worked with designers, managers, other developers and product managers to build production software

**Literatu** - Automation and Web Development
August 2016 - September 2019

- Independently researching and developing solutions to web development problems involving large datasets of over **15,000 files**

**UNSW** - Casual Academic - Tutoring
February 2018 - Present

- Tutoring COMP1911 (Introduction to programming), COMP1521 (Computer System Fundamentals) and COMP2511 (Object Oriented Design)

## Education

**University of New South Wales** - Bachelor of Engineering, Software (Honours)
February 2016 - December 2019

- Honours Thesis in Programming Languages
- Active member of UNSW Taido club and UNSW CSESoc

**Etelä Tapiolan Lukio, Finland** - Rotary Youth Exchange Student
January 2015 - January 2016

- Acquired conversational proficiency in Finnish in under a year of study
- Studied English Literature, Spanish, German, Mathematics, Physics, Finnish and Music in Finnish

## Volunteering

**The UNSW Tea & Coffee Society** - Vice-President (previously President, Secretary)
August 2016 - November 2018

- Coordinating and organising various events for a society with over 500 members
- Led the logistics and organisation of a high tea outing for the society at QVB tea room, a successful event with over 100 guests

**Surf Lifesaving** - Lifeguard
2009-2014

- Experienced with first aid, resuscitation, swim rescue, dealing with intense situations in a team

## Contact me

e.minor.murray@gmail.com
https://www.linkedin.com/in/emmet-murray/

## Side Projects

https://emmet.coffee
https://github.com/emmet-m/

## Awards & Commendations

The Macquarie SENG2021 Award (2017)

UNSW Engineering Dean's List (2017)

Finnish National Certificate Of Language Proficiency (2015)

Surf Life Saving Australia Bronze Medallion (2011)

## Technical Skillset

C, Java, C# and C++ program development

Web development (Javascript, Typescript, React, Redux, Node.js, Flask, Apache)

Functional Programming (Haskell)

Scripting (Perl, Python, UNIX Bash)

Theorem Proving (Isabelle, Dafny)

Version control (Git)

LaTeX

## Hobbies

Martial Arts
Cooking
Listening to and playing music
Learning languages

## Languages

English (Native)
Finnish (Conversational)
Mandarin (Beginner)