

Dylan Thinnnes

dylan.j.thinnnes@gmail.com | (44) 075 9772 0544
<https://github.com/dylan-thinnnes> | <https://dylant.org/>

Education

International Baccalaureate Diploma from St. Mary's Intl. School 2015-2017

Theory of Knowledge: A in Extended Essay, A in ToK Presentation
Higher Levels: 6 in Maths, 6 in Physics, 6 in French, 5 in Design Technology
Standard Levels: 6 in Information Technology in a Globalized Society, 5 in English
37/45 Points Overall

University of Edinburgh, BSc in Computer Science 2017-2021

Functional Programming (Haskell) 1st Year Semester 1, 98% Overall Grade
Object Oriented Programming (Java) 1st Year Semester 2

Previous Employment

Aikido Instructor in Tokyo, Japan Late 2016 - Mid 2017

I instructed students between the ages of 5 and 15 in the martial art of Aikido on weekday afternoons and weekend mornings. No student I instructed failed to pass a test.

This job made it clear to me that I have an easy time taking instruction from those more experienced than me, prefer to learn through doing, and am perfectionist in my work.

Programming Experience

Languages

Advanced	JavaScript (ES6+, NodeJS, ExpressJS, DOM Manipulation, CommonJS) React, MobX, JSX, Purescript Ruby, Ruby on Rails, HTML5, CSS3 (Bootstrap, SCSS), SVG
Intermediate	Haskell, XML, XSLT, JQuery, SQL (MySQL, SQLite)
Basic	Java, Python, PHP

Tools

Vim, Git, Node Package Manager, Webpack, Amazon Web Services (S3, Elastic Beanstalk, Lambda, Gateway), Linux/GNU command line tools, Heroku

Programming Projects

Jobber - A Job Application Tracker for Workers - React, Ruby on Rails, SCSS

Taught me to:

- Work with ReactJS alongside Ruby on Rails
- The finer details of React and Webpack, integrated with Rails Tasks
- Work with and around Bootstrap to present a professional yet branded site

Description: A web app for tracking progress in multiple job applications at a glance. Useful especially to those just entering the job market.

Available at: <https://github.com/andmikey/jobber>

SolSys - A Math-Oriented Art Puzzle - JS, NodeJS, AWS Lambda, Gateway, S3

Taught me to:

- Manage a large project and a team (Git, directing others, goal setting, issue tracking)
- Apply my interests in front-end design and development
- Amazon Web Services administration
- Continuously reimagine my approach to a problem using new technologies

Description: A three-year mathematical art project which converts integers to unique, recursively defined solar systems. Uses of server-side computation, front-end UI development, graphics optimization, and server-client communication.

Available at: <https://solsys.xyz> (Please use Google Chrome or Mozilla Firefox)

Domainatrix - University of Edinburgh Domain Tracker - React, HTML, JS, CSS, SQL

Taught me to:

- Basics and fundamentals of React development
- Refactor apps to modern web dev techniques
- Write and work with APIs
- Optimize the DOM
- DNS management and traversal
- Use SQLite

Description: A site for keeping track of the many University of Edinburgh subdomains.

Available at: <https://domainatrix.me>

svgtojs - Compresses SVG to Canvas Bitmaps Utility - JS, HTML, CSS

Taught me to:

- Decide on and limit project scope
- Reuse existing frameworks in interesting ways
- HTML5 Canvas manipulation

Description: Converts SVG to HTML5 Canvas drawing commands

Available at: <https://svgtojs.github.io>

youtube-archive - A YouTube Video Organizer and Tracker - NodeJS, Shell, Python

Taught me to: Write npm command-line utilities

Description: npm command line utility for downloading and organizing YouTube videos.

Available at: <https://www.npmjs.com/package/youtube-archive>

Additional Skills

Fluent in English, French, German

Black Belt in Aikido

2017

Head of Model United Nations at St. Mary's Intl. School

2016-2017

Received Speaker's Award, Harvard Model United Nations 2017

Received Best Delegate Award, MUNEXUS 2016

Captain of Debate team at St. Mary's Intl. School

2016-2017

Received St. Mary's Debate Team MVP Award, 2017

Received Kanto Plain Speaker's Award, 2017

Senior Patrol Leader for Scout Troop 51

2015-2016

Earned Life Rank (Second highest rank), 2016

Inducted into Order of the Arrow, Scouting's Honor Society, 2015