Dylan Thinnes

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https://github.com/dylan-thinnes   https://dylant.org

Education

University of Edinburgh, BSc in Computer Science   2017 - 2021

Functional Programming (Haskell) 1st Year Semester 1, 98% Overall Grade

Object Oriented Programming, Data and Analysis, Cognitive Science

Previous Employment

Front-End Development Intern at Traveltek Ltd.   Summer 2018

➢ Contributed significantly to development, bug-fixing, shipping of important product line in bid for a major contract, receiving team commendation from CEO.

➢ Conceptualized, developed, and documented new >1000 line JS component using TDD principles.

➢ Captured 10% more potential visitors to clients' sites by single-handedly fixing sites to be compatible with Internet Explorer 11 and 10.

Aikido Instructor in Tokyo, Japan   Late 2016 - Mid 2017

➢ Instructed students between the ages of 5 and 15 in the martial art of Aikido.

➢ Worked within a team to provide a safe learning environment.

Programming Experience

Languages

Advanced	**JavaScript** (ES6+, ES5/IE-compatible, NodeJS)
	HTML5 (XML, XSLT)
	CSS3 (Bootstrap, SCSS, LESS)
	SVG (Inkscape, Hand-written)
Intermediate	**Haskell**
	Bash
	SQL (MySQL, SQLite)
	Ruby, **Ruby on Rails**
Basic	**Java**, **Python**, **PHP**, **Perl**

Frameworks/Libraries

Browser/UI	**React** (Redux, MobX, Preact, React-Router, JSX)
	JQuery
	Browserify
Testing	**MochaJS, SinonJS, TapeJS, JSDom**

Tools

General	**Vim**, **Git**
DevOps	**Amazon Web Services** (S3, Elastic Beanstalk, Lambda, Gateway)
	Heroku
JavaScript	**Node Package Manager, Webpack, Babel**

Programming Projects

Jobber - A Job Application Tracker React, MobX, Ruby on Rails, SCSS, PostgreSQL
- ➢ A web app for tracking many job applications by ticking off stages in the application process.
- ➢ Under active development.

Available at https://github.com/jobberapp/jobber

SolSys - A Math-Oriented Art Puzzle NodeJS, AWS (Lambda, Gateway, S3)
- ➢ A three-year mathematical art project which converts integers to unique, recursively defined solar systems.
- ➢ Uses server-side computation, front-end UI development, graphics optimization, and server-client communication.
- ➢ Developed as head of team of three.

Available at https://solsys.xyz

Haskulate Bash, Haskell
- ➢ A highly extensible command-line calculator.
- ➢ Uses cat to concatenate scripts and dependencies, Haskell to evaluate their result.

Available at https://github.com/dylan-thinnes/haskulator

More Projects at https://dylant.org/projects

Volunteer Work

Senior Patrol Leader, Patrol Leader 2015 - 2017
- ➢ Organized bimonthly camping trips and hikes in leisure and high-adventure contexts.
- ➢ Planned weekly meetings for skill teaching and to foster Patrol spirit.
- ➢ Taught leadership skills to experienced scouts to continue their advancement.
- ➢ Oversaw and served as Master of Ceremonies for three Eagle Scout Court of Honors during my Senior Patrol Leadership.

Debate Captain 2016 - 2017
- ➢ Mentored and led team of 20 at Junior Varsity level and 9 at Varsity level.
- ➢ Developed research and competitive oration skills both personally and in others.
- ➢ Specialized in spontaneous, improvised speech-giving.

Head of Model United Nations 2016 - 2017
- ➢ Planned and served as Secretary General for multiple internal training conferences for MUN team of up to 30.
- ➢ Prepared team of 10 for overseas trips to international conferences abroad in South Korea and China.

Additional Skills

Native Fluency in **English**, **French**, **German**
Black Belt in Aikido