

Keri Warr

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Proficiencies

- **Languages:** Javascript, Ruby, Python, Scheme, C++, C
- **Tools:** ReactJS, Redux, Ruby on Rails, Node.js, SQL, MongoDB, Bash, Git
- **Concepts:** Functional Programming, MVC, REST

Experience

Lani, Full Stack Engineer

Waterloo, ON — February 2016 - present

- Built a full **ReactJS** website, backed by a **RESTful Ruby on Rails** API
- Created a real-time dashboard for owners of 3D printers to process incoming orders
- Implemented a continuous integration system with testing and linting for the front and back-end
- Worked directly with customers during the sales process in order to understand use cases

Piinpoint, Software Engineering Intern

Waterloo, ON — May 2015 - August 2015

- Built a tool for conveniently viewing and filtering real estate listings using **ReactJS** and **Python**
- Developed a feature for sorting and visualizing a company's retail location data, accounting for factors such as performance, location, and end of lease date
- Created templates, guides, and conventions for newly adopted frameworks
- Increased test coverage throughout codebase and improved tooling for writing new unit tests
- Dragged team out to fun social activities

Projects

Final Destination API - github.com/ADEHJKNTV/FD-API

A **RESTful** JSON API made with **Node.js** and **Express.js**

- Designed to store and compute user data and match history for Super Smash Bros. Melee
- Supports **CRUD** operations on a variety of endpoints and stores data using **MongoDB**

Luminescence - keri.warr.ca/luminescence

A competitive game in which players write code head-to-head to automate battle drones

- Developed over the course of 24 hours at AngelHack Toronto 2015
- Written entirely in **Javascript**, using **Pixi.js** and elbow grease

Growth - github.com/KeriWarr/Growth

An organic life simulation environment written in **C++**

- Models evolution and natural selection using a tailor-made genetic algorithm
- Created for the purpose of generating lots of interesting data

Education

University of Waterloo

Candidate for Honours Bachelor of Computer Science, 2013 - 2018 (expected)