

Ian Murray

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SKILLS

Languages:

JavaScript (ES6), Ruby, HTML5, CSS3, Python

Databases:

SQL, PostgreSQL, MongoDB

Frameworks and Libraries:

Ruby on Rails, Ember.js, Node.js, Express, Mongoose, jQuery, AJAX, SCSS/SASS, Handlebars, Bootstrap

Tools and Technologies:

Text editors (Sublime Text, Atom), JSON, Command Line Interface, Version control (Git/Github), Heroku, Github Pages, AWS S3, Windows, MacOS, MS Office Suite

EXPERIENCE

WEB DEVELOPMENT IMMERSIVE STUDENT – General Assembly

Jan. 2018 – April 2018

Completed a 12 week, 600 plus hour full-stack web development boot camp. Wrote and deployed full-stack web applications in a UNIX environment, both individually and in groups

- **Goblin Colosseum:** (*JavaScript, Ruby on Rails, PostgreSQL*) A full-stack application featuring a turn-based, roguelike RPG. Users can fight increasingly difficult waves of goblins, purchase weapons and character upgrades with gold they earn in battle, and compete for a place on the global leaderboards.
- **Raindrop Shop:** (*JavaScript, Express, Mongoose, MongoDB*) An e-commerce site where users can browse and purchase a variety of products across a range of categories including: Electronics, Clothing, Entertainment and more! Payment processing is done through the Stripe API.
- **WhatsMine:** (*Ember, JavaScript, Ruby on Rails, PostgreSQL*) An inventory/task management tool where users can organize 'Items' they care about (tangibles, to-dos, etc.) into shareable 'Boxes'. Major features include access control lists for each Box, and SMS messaging via Twilio.

BIOLOGICAL RESEARCH ASSISTANT – Bradham Research Lab, Boston University

Sept. 2011 – Oct. 2014

Research focused on a computational model of gene regulatory networks which direct skeletal patterning in sea urchin embryos. Developed experimental strategy and new methods, analyzed and troubleshoot results, and trained new researchers.

EDUCATION

Boston University – Boston, MA

Graduation Year: 2014

Bachelor of Arts (BA) in Biochemistry and Molecular Biology with Distinction

Cum Laude, National Merit Scholar, George R. Bernard Jr. Scholar

OTHER INTERESTS

Dungeons and Dragons • Tabletop gaming • Alternative ice cream • Mushroom cultivation