

# Ian Murray

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## SKILLS

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### Languages:

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

### Databases:

PostgreSQL, SQL, 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

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### WEB DEVELOPMENT IMMERSIVE – 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, search, sort, and purchase a variety of products across a range of categories. Payments are processed via the Stripe API. Users' order history and cart contents are stored on the back end.
- **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 the Twilio API.

### 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 troubleshooted results, and trained new researchers.

## EDUCATION

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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

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