

Mark Azuolas

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Projects

UNBOTTLED Sole Full Stack Developer [Rails, ReactJS]

Web application for users to rate beers they drink and see what other users are drinking

- ❑ Implemented search feature that uses AJAX API requests to query a PostgreSQL database to allow users to find their favorite beers
- ❑ Created DRY code by using modular React components that accept custom parameters to allow reuse across multiple pages
- ❑ Authored custom ActiveRecord queries to generate average ratings and a list of highest rated beers

[Live](#)
[GitHub](#)

Progress Tracker Mobile Full Stack Developer [Rails, React Native]

iOS app for App Academy student accountability and guidance during the curriculum

- ❑ Created Rails API to allow testing the app without exposing private student data
- ❑ Designed animated bar graphs to clearly show students statistics

[Demo](#)
[GitHub](#)

Slime Volleyball Sole Front End Engineer [Javascript, HTML5]

Multiplayer volleyball game built for the browser

- ❑ Generated dynamic gameplay in HTML5 canvas element by utilizing vector math for game state updates.
- ❑ Developed AI player that uses physics and algebra equations to predict ball movement

[Live](#)
[GitHub](#)

Skills

Ruby
Ruby on Rails

JavaScript
SQL

jQuery
CSS

HTML
RSpec

Git
React Native

Education

App Academy

Full Stack Web Development Course

- ❑ 1000-hour immersive full-stack web development intensive with <3% acceptance rate
- ❑ Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page-apps, and web development best practices

June 2017

University of Michigan

Worked towards BS in Computer Engineering

2009-2011

Ocean County College 2015

Associates in Science, General Studies with a focus in Math.

2015

Eagle Scout Troop 17

2007

Work History

Dominos

Assistant Manager

Ran shifts, managed 20+ employees, improved delivery and load times, increased sales

Delivery Driver

2013-2017