MICHAEL RICHARDSON

🔘 mdrichardson.net
<> github.com/mdrichardson

// Summary

Results-driven and quick-learning full-stack engineer dedicated to building high-quality, optimized, and maintainable code. Leverages proven ability to manage projects and achieve success in previous marketing background toward a passionate career in programming.

// Skills

Languages: JavaScript/TypeScript, Python, C/C++, SASS/CSS, PHP, JSON, HTML
Frameworks: Angular 1 and 6, React, Node.js, Express, Selenium, Wordpress, Bot Framework
Databases/Other: MongoDB, SQLite, Postgres, AWS, Azure, Git, Linux, APIs

// Projects

Portfolio and Blog │ React, Node.js, Express, MongoDB, JavaScript

- Works in Chrome, Edge, IE, and is a mobile Progressive Web App
- Blog articles are stored in and retrieved from MongoDB
- Blog has a small, authenticated admin CMS for adding and editing posts and tags
- 100s on all Lighthouse Audits

Treat Dispenser │ Angular 6, Node.js, Express, MongoDB, C/C++

- View live at https://treat.mdrichardson.net | Username and password provided upon request
- Progressive web app with user authorization that controls a self-built and coded treat dispenser
- Dispenser can be triggerd via web, interval timer, or scheduling. All can be customized via app

FUTpuppeteer │ Python, Selenium, SQLite, 3rd-Party APIs

- Auto-clicking bot used to buy and sell players on EA's FIFA 18 Ultimate Team web app
- Numerous and extensive strategies and customization options
- Utilizes three unique 3rd-party APIs to gather market data and saves to database

beerRecommender │ Microsoft Bot Framework, LUIS, Node.js, TypeScript

- Web chat bot that provides users with beer recommendations based on chat input
- Uses a machine learning-based service for natural language recognition
- Implements multi-turn conversations and user interrupts for "help" and "cancel"
- Utilizes two Microsoft APIs to proivde nearest store to purchase recommended beer

// Experience

Marketing Manager │ Regal Air

6/2016-10/2018
Everett, WA

- Developed and maintained both of the comapny's websites (JS/PHP/HTML/CSS)
- Wrote script to merge customer databases between unrelated, 3rd-party programs (Python)
- Increased web traffic >200% through SEO; more than 50 students on training wait list

Marketing Coordinator │ Terwedo Financial Services

12/2012-4/2016
Edmonds, WA

- Maintained website and oversaw complete redesign (HTML/CSS)
- Helped firm achieve revenue growth in the top 15% of similar firms, nationwide
- Created extensive and detailed 2015 marketing plan
- Implemented several new projects including email campaigns, analytics and focus groups

All Source Intelligence Analyst │ Army National Guard (Part-Time)

6/2009-Present
Marysville, WA

- Manages 4 soldiers for completion of battalion intelligence, security, and planning tasks
- Recipient of Army Commendation Medal and Military Outstanding Volunteer Service Medal
- Consistently recommended for promotion ahead of peers in annual reviews

// Education

Master's Degree │ Marketing

Gonzaga University

Bachelor's Degree │ Marketing

Washington State University