

## // Summary

Results-driven and quick-learning marketing specialist seeking software engineering career. Considerable development experience and proven ability to achieve success while managing multiple projects and deadlines.

## // Skills

**Languages:** JavaScript/TypeScript, Python, C/C++, SASS/CSS, PHP, JSON, HTML

**Frameworks:** Angular 1 and 6, Node.js, Express, Selenium, Wordpress

**Databases/Other:** MongoDB, SQLite, Postgres, AWS, 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 triggered 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 provide nearest store to purchase recommended beer

## // Experience

### **Marketing Manager** | Regal Air

6/2016-10/2018  
Everett, WA

- Developed and maintained both of company'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