

## **PROFESSIONAL EXPERIENCE**

### **Hack Reactor@Galvanize, 2019-2020** *Software Engineering Immersive Teaching Assistant*

- Provided technical guidance to 60+ junior engineers pertaining to JS and CS fundamentals
- Enforced best practices and code readability, such as ES6 implementation, DRY principles, and Git workflow in code reviews, lightning lectures, and whiteboarding practice
- Conducted technical interviews for prospective software engineering admits

### **HealthDrive, 2016-2019** *Podiatrist*

Utilized company's proprietary Podiatry EMR System

### **BeachLife Laser Center, 2013-2015** *Owner and Podiatrist*

Designed website containing a contact form, media, downloadable documents, and location map to encourage practice growth

### **Lakeshore Medical Clinic, 2010-2012** *Podiatrist*

Utilized EPIC and Cerner EMR systems

### **Lebanon VA Medical Center, 2008-2010** *Podiatry Resident*

Utilized CPRS EMR system

## **SOFTWARE ENGINEERING APPLICATIONS**

### **LalaLime Review Section**

*Functional front-end replica of LuluLemon Review Section*

HTML5 / CSS3 / React / ReactCSSTransitionGroup API / jQuery / RESTful API / Node / Express / MongoDB / Mongoose / Jest / Enzyme / Git / npm / webpack

- Utilized React state and conditional rendering to create dropdown menus to filter and sort reviews and popups containing a user's profile and a review feedback form
- Constructed a proxy server to utilize service-oriented architecture to render full product page
- Employed Agile methodology to collaborate with fellow team members to combine microservices

### **Anthropologie Main Product Section**

*System design mock-up of Anthropologie Main Product Section*

Node / Express / MongoDB / Mongoose / PostgreSQL / Sequelize / Artillery / Loader.io / New Relic / NGINX / AWS / npm / Ubuntu Server

- Benchmarked and optimized SQL and NoSQL databases to produce querying times less than 6ms using B-tree indexing and tuning
- Horizontally-scaled to five AWS t2.micro EC2 instances with NGINX load-balancer using least connections technique to increase throughput 5.1x under conditions of latency less than 70ms and an error rate of 0.0%

### **Fitness Tracker**

*A responsive, mobile-first app that allows users to keep track of their fitness progress in various exercise categories*

HTML5 / CSS3 / React / RESTful API / Node / Express / MongoDB / Mongoose / Git / npm / webpack

- Contributed to the planning of functionality in addition to component structure and visual style of application
- Constructed database schema to persist data
- Utilized React State and conditional rendering to allow users to input and view their fitness data

### **Memory Game**

*Game that allows players to use their short-term memory to match cards to their corresponding match*

HTML5 / CSS3 / jQuery

Implemented a move counter, timer, a restart button, a star rating that decreases as a specific number of moves are reached, and a popup scoreboard that displays game statistics and congratulates the player for completing the game

## **EDUCATION**

### **Hack Reactor, 2019**

Advanced Software Engineering Immersive

### **Udacity, 2018**

Intro to Programming Nanodegree

### **Scholl College of Podiatric Medicine, 2008**

Doctor of Podiatric Medicine

### **University of Wisconsin, 2003**

B.S. in Psychology

Utilized IBM SPSS statistics software

## **TECHNICAL SKILLS**

### **Front-End**

JavaScript (ES5 and ES6) / HTML5 / CSS3 / Sass / React / Redux / jQuery / RESTful API

### **Back-End**

Node / Express / MongoDB / Mongoose / PostgreSQL / MySQL / Sequelize

### **Testing**

Jest / Enzyme / Mocha / Chai

### **DevOps**

AWS EC2 / AWS S3 / NGINX / Artillery / Loader.io / New Relic

### **Developer Tools**

Git / npm / webpack / Babel