

PROFESSIONAL EXPERIENCE

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

- Provide technical guidance to 60+ junior engineers pertaining to JS and CS fundamentals
- Enforce best practices and code readability, such as ES6 implementation, DRY principles, and Git workflow in code reviews, lightning lectures, and whiteboarding practice
- Conduct 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