

James Easter

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RECENT PROJECTS

Sorting Visualizer, *Software Engineer*, Web application for visualizing sorting algorithms

- Implemented six different sorting algorithms depicting differences in efficiency and implementation
- Applied asynchronous code to Vue's reactive dependencies to iteratively visualize of each algorithm

Flourish, *Software Engineer*, Social media mobile application for plant owners

- Built Redux store to manage all state and API requests allowing an ease of workflow between developers
- Organized all backend routing in Feathers server to handle each API request querying MariaDB database
- Utilized plant identification API in React Native to identify plants via mobile device camera or image upload
- Manipulated direct messaging data with native JavaScript functions to construct individual message threads

Howdy, *Software Engineer*, Real-time chat app for neighbors to socialize

- Amplified location based functionality by comparing geolocation coordinates from ipinfo.io
- Combined Socket.IO and Cloudinary services for dynamic instant messaging and image sharing
- Maintained live server applying PM2 services on Node.js/Express server hosted on AWS EC2 instance

Doodle Society, *Software Engineer*, Social media platform to share doodles

- Displayed real-time analytics with React hooks by sorting PostgreSQL database queries
- Created unique input field with @React-Google-Map/API for informative display for smooth UX

PROFESSIONAL EXPERIENCE

Operation Spark, *Software Engineer Teaching Assistant*

June 2020 - Present

- Help students debug their code, learn to problem solve, and grow in their JavaScript knowledge

James Easter Music, *Web Developer, Owner, Manager*

Aug 2014 - Dec 2019

- Created and maintained website (JavaScript, HTML, CSS, WordPress) for advertisement/ communication
- Organized musical entertainment for corporate events, private parties, and weekly performances
- Taught private guitar lessons to amateur and professional musicians of all ages

Midnight Oil Coffeehouse, *Manager & Barista*

July 2012 - Aug 2014

- Redesigned and constructed contemporary coffee bar for efficient work flow and increased customer service
- Managed finances, customer service, and product cost analysis to redirect financial trajectory

Harding University, *Adjunct Music Faculty*

Dec 2012 - May 2013

- Instructed college courses, taught private lessons, and directed touring ensemble

TECHNICAL SKILLS

JavaScript · HTML · CSS · Node.js · React.js
React Native · Vue.js · AWS · Redux · TypeScript
Express · Feathers · MongoDB · Postgres · MariaDB
Axios · GoogleAuth · Google Maps · Socket.IO
Mocha · Chai · Styled Components · ES6+

VALUES & SOFT SKILLS

Dependability · Integrity · Empathy · Courtesy
Adaptable · Resilient · Task Oriented · Goal Driven

EDUCATION

Operation Spark 2019-2020
Software Engineering Immersive Program
University of New Orleans 2014-2016
Master of Music in Jazz Studies, GPA: 4.0
Harding University 2008-2012
Bachelor of Arts in Music, GPA: 3.5

PERSONAL INTERESTS

Coffee · Jazz Guitar · Running · Codewars · BJJ