

# 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

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## 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

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## 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

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## 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