Jason H. Carrington

306 West Main St, Apt 906, Madison, WI 53703
224.234.1588, jasonhcarrington@gmail.com
https://jasoncarrington.me

NodeJS full stack developer, with the skills to manage and develop with **React-Native, Flutter, React** and **Angular, ExpressJS** and **AWS Serverless**. I am interested in a software developer position that expands my programming and leadership skills.

Education – University of Wisconsin-Madison

- **B.S. Computer Science** December 2020
- **Mathematics certificate** December 2020
- Cumulative GPA 3.2/4.0

Experience/Leadership

TASC (Total Administrative Services Corporation) through MPX   June 2020
Dev Group, Full Stack Application Developer 2
The nation's largest privately held third party benefits administrator.

- Backend – **AWS Serverless**
  - Produced a custom auth flow resembling **OAuth 2.0**, enabling SSO into an external website within a strict time frame.
  - Lead tech talks covering **AWS Cognito**, **Cypress**, and **Akita Store**; Earned a company spirit of excellence award.
  - Achieved success debugging production issues using **AWS Cloud Watch** and **SQL queries** through MySQL.
  - Implemented various lambdas/functions, utilizing parallelization to reduce run time.
  - Created shell scripts to open up lambdas and perform common time consuming tasks.
- Frontend – **Angular**
  - Successfully refactored multiple code bases to achieve a more reactive style of programming, utilizing RxJS.
  - Served as a reference for Angular and code base questions.
  - Effectively onboarded and trained developers on how to develop with TASC's systems.
- Mobile - **Flutter**
  - Completed a goal with the purpose of a mobile and web app containing a retro board and a story pointing screen.
  - Utilized **Firebase** to achieve seamless data transfer across users.

Uline, Windows Systems Engineer Intern   May 2019
Privately held and leading distributor of shipping, industrial and packaging materials to businesses throughout North America.

- Server Install Script – solo project
  - Used **Python** to setup the server for **PXE** boot
  - Used batch and HP-ProLiant native scripting to setup **iLO** (Integrated Lights-Out) and IP addresses
  - Successfully connected to the server via a local network
- Server database manager – solo project
  - Developed a web application using **ASP.NET**
  - Successfully compiled multiple servers each with multiple databases into one interface
  - Wrote **SQL** queries to search through all servers, databases, tables, and columns, given a user input
  - Generated **SQL** queries using the user-selected data columns to compile and join data into an exportable csv file

Birdwell Solutions, Head of Engineering   May 2019
A software company that separates the client from developer by managing teams of developers, designers, and scrum masters.

- Led a team of ten developers, throughout various projects with **React Native**, **React apps,** and **NodeJS Express**
- Utilized **JIRA** software to manage teams with an **agile** mindset

Mosaic, Co-founder, and lead developer   January 2019
Mosaic is a social media art ecommerce platform, developed to gain experience and train developers.

- Backend – **NodeJS Express,** connected to **MongoDB**
  - Modified **MongoDB** schemas for notifications, user profiles and more
- Frontend – **React Native, IOS/Android**
  - Developed an infinite feed of data for both logged in and logged out users
  - Implemented **Stripe** checkout
  - Designed and developed a color picker which allowed the user to configure their theme
  - Achieved a good understanding of animated user interfaces and project structure
  - View app downloads and more information at https://jasoncarrington.me/mosaic/

View additional information about my programming experience on my open source portfolio at https://jasoncarrington.me/

Activities

UW-Madison Ski club.
Theta Delta Chi Fraternity, Participated in Humorology fundraiser, 2 years