

Matthew Donovan

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EDUCATION

University of Colorado Boulder

Bachelor of Science in Computer Science

Boulder, CO

August 2016 – May 2020

- Major GPA: 3.9
- Overall GPA: 3.8
- Graduated Magna Cum Laude
- Recipient of the Wozniak Scholarship

EXPERIENCE

Software Engineer

Good Green Technology

June 2020 – Present

Petaluma, CA (Remote)

- Develop core API functionality while refactoring the code to reduce code complexity and facilitate testing.
- Design React components managing state using flux to integrate data from back-end services and databases.
- Manage QA and production cloud instances on AWS for the server and database deployments.

Software Engineering Intern

LogRhythm

May 2019 – Nov 2019

Boulder, CO

- Collaborated with a 10-person agile team to build out one of the LogRhythm SIEM APIs.
- Programmed in Golang developing endpoints that enable security analysts to view and organize information on suspicious network events across many machines.
- Built an internal testing tool using Docker that is composed of a RESTful API and a test-double to automatically stub out downstream services.

PROJECTS

Crowd Pleaser | *Node.js, Javascript, Express, React, MongoDB, Git*

May 2020 – Present

- Developed a music streaming web app that lets users host parties and invite friends with a unique party code.
- Users in a party can add songs to a shared priority queue and vote to determine which song plays next.

DropBucket | *Django, Python, GCP, SQLite, QT, Git*

Oct 2019 - Dec 2019

- Built a file-hosting service using a RESTful Django API to communicate with GCP Storage Buckets.
- The app is capable of synchronizing across multiple devices to manage downloading, uploading, and deleting files to reflect changes in the QT interface.

Sorting algorithm visualizer | *React, HTML, CSS, Git*

Dec 2019

- Developed a web app that visualizes different sorting algorithms on a histogram as a project to learn the fundamentals of React and web development.
- Users can set histogram size, sorting speed, algorithm, and display style to visualize Merge Sort, Insertion Sort, Selection Sort, and Bubble Sort in a simple, clean interface.

TECHNICAL SKILLS

Languages: Javascript, Python, Go, C++, HTML/CSS

Back-end Frameworks: Node.js, Express, Django

Front-end Frameworks: React, Redux, Flux, Bootstrap, Materialize

Developer Tools: AWS, GCP, Sequelize, Mongoose, Git, Docker, Netlify, Figma

Data stores: MySQL, MongoDB, Redis, SQLite