MATTHEW DONOVAN

SOFTWARE ENGINEER

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PROFILE

Hands-on, collaborative software developer with a proven ability to quickly learn new information, procedures, and technologies looking to grow technically and add value quickly while developing my leadership skills.

AREAS OF EXPERTISE

- Web applications
- Back-end development
- Agile methodology
- Testing processes
- Cross-functional collaboration
- Version control (Git)

EDUCATION

B.S., Computer Science, 5/2020
GPA: 3.8

University of Colorado, Boulder, CO

Relevant Courses:
Algorithms
Big Data Architecture
Computer Systems
Cybersecurity
Data Science
Data Structures
Operating Systems
Object-Oriented Analysis & Design
Software Development Methods & Tools

Honors / Scholarships:
Dean's List: 2016 – 2020
Chancellor's Achievement: 2016-2020
Wozniak Scholarship: 2019-2020
Graduated Magna Cum Laude

PROFESSIONAL EXPERIENCE

Software Engineer 6/2020 to present
Good Green Technology- San Francisco, CA (Remote)

- Develop core API functionality while restructuring the code to be more testable.
- Design and integrate changes to the SQL data store along with the corresponding code using sequelize.
- Manage QA and production cloud instances on AWS for the server and database deployments.

Software Engineering Intern 5/2019 to 11/2019
LogRhythm- Boulder, CO

- Collaborated with a 10-person agile team to build out one of the LogRhythm SIEM APIs.
- Built an internal testing tool using Docker that is composed of a RESTful API and a 3rd party test-double to automatically stub out downstream services.

PROJECTS

DropBucket – File-hosting service using a RESTful Django API to communicate with GCP Storage Buckets, synchronizing across multiple devices to manage downloading, uploading, and deleting files reflecting changes in the QT interface.

Crowdpleaser – A music streaming web app in which users can host parties and invite friends with a unique party code. Everybody in the party can add songs to a shared priority queue and vote to determine which song plays next. Built using Node.js, Express, MongoDB, and React and the Spotify Web Playback SDK.
https://www.crowdpleaser.love/

Sorting algorithm visualizer – A react web app that visualizes different sorting algorithms on a histogram. Users can set size, speed, algorithm, and display style to visualize Merge Sort, Insertion Sort, Selection Sort, and Bubble Sort.
https://mabthew.github.io/sorting-visualizer/

TECHNICAL PROFICIENCIES

Languages:	JavaScript	C++
	Python	Golang
Skills:	API Development	Cloud computing
	Node.js	React.js
	MongoDB	SQL