

# Mylon Jones

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**Objective:** Receive a job offer at a company where I can make meaningful contributions and learn new technologies.

## Technical Skills

**Front End:** JavaScript (ES6+), React, Axios, CSS, HTML, jQuery, Webpack

**Back End:** Node, Express, MySQL, MongoDB, PostgreSQL, EmailJS, Postman

**Deployment & Dev Tools:** Docker, Jest/Mocha/Chai, AWS EC2, NGINX, GIT

## Software Engineering Applications

**TrackCar** /MongoDB | Express | React | Node | Git | EmailJS | CSS | jQuery

An email service to monitor and manage routine auto maintenance

- Used data from CarMD-API to generate a make and model specific UX
- Utilized React forms and Axios requests to sustain maintenance data in MongoDB database
- Implemented automated notifications via the EmailJS API using React event handlers and jQuery to solicit user input

**Boot Locker System Design** /PostgreSQL | Express | React | Node | AWS | Loader.io | NGINX

A server system to send UI display data supporting up to 10,000 on-line user requests per second

- Secured database by enabling built in authentication, backing up data, and serving the database on an alternative port
- Constructed seeding functions that generated over 10 million unique data entries to stress-test database using Loader.io
- Established least connection load-balancing on multiple AWS EC2 instance servers with NGINX, to increase response capability from 1300 to 2400 responses per second

**Customer Feedback Component** /MongoDB | Express | React | Node | Docker | Axios | AWS EC2

A user-friendly, interactive marketing component inspired by Target.com's item-detail webpage

- Employed Express routing to enable full CRUD compliance with all MongoDB collections
- Consolidated API calls by setting state with event handlers to reduce latency by 50%
- Dockerized component and deployed docker image on a web-accessible AWS EC2 instance

## Select Experience

**Tutor:** Innovation Education, Lancaster CA, 2018-2020

- Provided constructive feedback and guidance on written assignments
- Presented step-by-step mathematical concepts

## Education

**Advanced Software Engineering Immersive Program:** Hack Reactor, Online, 2021

**Computer Science Major:** College of the Canyons, Santa Clarita CA, 2020

- Programming in Java, Calculus

**Mathematics Major:** Antelope Valley College, Lancaster CA, 2016-2019

- Programming in C, Statistics, General/Electives

## Soft Skills

Organized, Critical Thinker, Candid, Team Player, Resilient, Adaptable, Teachable, Calm, Flexible, Persevering, Tenacious Learner