

# CHRISTIAN MOSLEY

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**SOFTWARE ENGINEER** Portfolio: [cmosley.dev](https://cmosley.dev)

## SUMMARY QUALIFICATIONS

- Ability to leverage full-stack knowledge to build interactive and user centered web applications
- Knowledge of integrating data science and machine learning models into software applications
- 8 years of experience in multi-unit business ownership and management

## TECHNICAL SKILLS

### Software Engineer

React, Node, Django, Express, MongoDB, SQL,  
Tailwind/Bootstrap

### Data Science

Python(Numpy, Panda, Sklearn, Flask), Tableau,  
ML models, Data Visualization, Web Scraping

## PROFESSIONAL EXPERIENCE

### US Census Bureau, Software Engineer - Remote

Sep. 2021 – Nov. 2021

Collaborated with a team of Software Engineers, UX Designers, and Data Scientists to build a creative and high impact application focusing on immigrant relocation to the US, using open source federal government data. MERN Stack app with KMeans model integration: [Connect-us-ga.herokuapp.com](https://connect-us-ga.herokuapp.com)

- Features include: JWT User Auth, Google Geocoder, Places, Photos and Map API integration Wikipedia API, Custom Carousel image displays, styled with Tailwind UI and CSS
- Custom API calls to a machine learning data model using Python and Flask

### General Assembly, Software Engineer Fellow - Remote

Feb. 2021 – Apr. 2021

Completed a full-time immersive Software Engineering course, completing in-class projects, hackathons, and personal projects focused on real-world applications of web development principles and best practices.

Developed a portfolio of individually and collaboratively focused in-class projects, including:

- Script Studio - MERN Stack Application - ([Script-Studio](#))
- Diversify - Multi-unit team collaboration ([Diversify](#))
- RPI Bets - Django Application - ([RPI-bets](#))
- Connect 4 - Written in vanilla javascript ([connect-4-online](#))

### General Assembly, Data Science Fellow - Remote

Aug. 2020 – Nov. 2020

Modeled large and disparate data sets using a variety of machine learning techniques. Acquired and cleaned data from different sources. Developed familiarity with real-world applications of data science principles and best practices

- Conducted data regression analyses of the relationship between numerical and categorical data to predict sales outcomes with high confidence
- Built a disaster notification application that leverages an API from FEMA and COVID data to model how safe your state
- [Auto GM](#) -Used time series model predictions and data mining techniques to forecast company sales through a visual dashboard product

### General Manager, Kwik Kar Watauga - Watauga, TX

March 2016 – Sept. 2019

Overall responsibility for multi-unit business operations generating a combined annual revenue of 4MM; trained management teams responsible for 50+ employees. Performed business development activities such as recruitment, training, financial auditing, strategy, sales training. Created up-to-date marketing campaigns and brand positioning initiatives.

- Drove revenue & profit growth immediately by securing the largest commercial construction fleet in Fort Worth.
- Streamline and systematize business operations with efficiency and effectiveness to mitigate all “firefighting” problems.
- Integrate cutting-edge technology to grow the ticket averages across business units relevant for growth expansion.

### Owner, America's Automotive - Haltom, TX

December 2013 – December 2016

Rebranded and remodeled existing location in order to serve clientele with the highest standards of customer satisfaction as a way also to build long-lasting relationships pertinent to business development.

- Implemented proven business policies and procedures to grow daily car count and ticket average

- Rebranded business operations with new name, logo, effective marketing materials, and professional website.

## EDUCATION

### **Software Engineering**

**Immersive**, General Assembly

Feb. 2021- April 2021

### **Data Science Immersive**,

General Assembly

Aug. 2020- Nov. 2020

### **Bachelors, Finance and Entrepreneurship**, Baylor

University, Waco, TX,

*Affiliation:* Delta Sigma P