

CHRISTIAN MOSLEY

Fort Worth, TX cmosleydev@gmail.com github.com/cmosley linkedin.com/in/christian-mosley

SOFTWARE ENGINEER Portfolio: 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

Javascript, React, Node, REST, Express,
MongoDB, SQL, Tailwind/Bootstrap

Data Science

Python (Numpy, Panda, Sklearn, Flask),
ML models, Data Viz, 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. 2020 – 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:

- Diversify - MERN Stack app: diversify-ss.herokuapp.com
- Script Studio - MERN Stack app: - script-studio.herokuapp.com
- RPI Bets - Django app: RPI-Bets.herokuapp.com

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 multiple sources. Developed familiarity with real-world applications of data science principles.

- 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 leveraged an API from FEMA to model how safe your state is during an emergency and map current COVID infection rates
- Used time series model predictions and data mining techniques to forecast company sales through a visual dashboard product ([Auto GM](#))

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.

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.
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EDUCATION

Bachelors, Finance and Entrepreneurship, Baylor University, Waco, TX,