

Kellen Long

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OBJECTIVE: Diversely skilled Computer Software Engineer with expertise in low-level programming (Assembly, C++), SQL, and Machine Learning. Seeking to leverage strong problem-solving skills and system optimization expertise to contribute to advanced software development projects.

EDUCATION: **Southern Methodist University** | Bobby B. Lyle School of Engineering Dallas, TX
Bachelor of Science in Computer Science Graduation date: May 2023

TECHNICAL EXPERTISE:

Programming languages: ARM-7, MIPS, OpenGL; C, C++; Python; Java; React; HTML, CSS; DAX, M; MySQL, MongoDB, PostgreSQL, SQL; REST API; Arduino; JavaScript, Typescript;

Operating Systems: Windows 10, 11; Linux; MacOS; Ubuntu

WORK EXPERIENCE:

Caliber Collision, Lewisville, TX

Advanced Pricing Analytics Analyst

08/2023 – 10/2024

- Developed machine learning models using K and X-Means clustering, Linear Regressions, Decision Trees, and Bayes Classifiers
- Increased efficiency of team workflow by 15% through automation of weekly tasks
- Researched and developed data wrangling standards for the team to assist in accurate analyses
- Planned and executed multiple projects at once in an agile style environment

Caliber Collision, Lewisville, TX

Revenue Management Intern

06/2023 – 08/2023

- Assisted in building revenue strategy for \$330 million for FY24
- Developed SQL Queries to pull accurate data, oversaw creation of new databases with IT
- Built dashboards for upper management, helped bring visibility to high level decisions on Rate, Mix, and Volume for whole company 2021-2023

Fuel The Future Platforms, Dallas, TX

01/2023 – 2/2024

Head Director of Frontend

- Developed a social enterprise app using React-JS, planned deployment of product
- Coordinated and negotiated deliverable dates for features of the product
- Troubleshoot and debugged other's code to streamline the deliverable process

PROJECT EXPERIENCE:

Inventory Management System at Raytheon Technologies

- Built a web solution for Raytheon Technologies on top of an already existing web infrastructure
- Full life cycle delivery: creating requirements, design and architecture, testing, and deployment
- Worked and planned with Raytheon partners to deliver a product to their specifications on time

SmoothRide Full-Stack App

- Mapping app with added functionality to prioritize favorable road conditions for users' routes
- Developed and deployed on iOS and Android using Expo, React-Native, and Google Maps API
- Weighed development styles such as agile, waterfall, and modified waterfall

OTHER SKILLS:

Object Oriented Programming; Software Engineering; Math Literacy; Project Management; Power BI Dashboarding