ZOHAN MAREDIYA

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PROFILE SUMMARY

Graduate Electrical and Computer Engineer with experience working across full-stack software development. Seeking a position in a collaborative, thought-provoking environment to serve the best interest of the clients.

PROFESSIONAL SKILL

Java	Python	Verilog	Git
C/C++	Javascript	REST APIs	Assembly

EDUCATION

University of Texas at Austin   Fall 2019 – Fall 2021
- Bachelors of Science in Electrical and Computer Engineering
- Focus on Computer Architecture and Embedded Systems
- **GPA: 3.92/4.00**

Houston Community College   Fall 2017 – Spring 2019
- Associates in Science
- **GPA: 4.00/4.00**

WORK EXPERIENCE

Star Food Mart   April 2020 – March 2022
Assistant Manager
- Set goals and objectives with employees and provide guidance and assistance as required.
- Supervise and manage employees to ensure all job duties and behaviors and aligned with the store policies.
- Customer-focused in-store operations including properly following up and rectifying customer issues on timely basis.

Marble Slab Creamery   May 2018 – July 2019
Cashier
- Responded quickly to guest requests and complaints in a friendly manner and took appropriate actions
- Assisted management with inventory control and stock ordering.

PROJECTS

LoRaWAN Forest Fire Detection
- A team project, where we built an environmental data collecting hardware, along with a corresponding web app using **Javascript** and **Python**, that allows users to view the estimated likelihood of a fire at a given node.
- Responsible for fetching accurate data using various API calls, and web scrapping from different websites for a real-time calculation.
- Helped build a responsive web app, where the users can easily access the points of interest on a embedded map, using the Google Map API.

SDW
- Led a team-based project and built a proof of concept web application for a HaaS (Hardware-as-a-Service) system, using **React,** and **Python** for the backend.
- Managed team roles and delegated work using agile project management (JIRA).
- Responsible for creating a web application with the help of libraries such as **MaterialUI**, and using **MongoDB** for storing user data.

Emotion Detector
- Built an emotion detection using machine learning in **Python.**
- Used various ml algorithms and libraries such as **sklearn** and **tensorflow** to fetch the most accurate detection method.

ACHIEVEMENTS

University Honors   Fall 2019 – Fall 2021
Dean's List   Fall 2017 – Spring 2019