MARICLAIRE DE GUIA

SOFTWARE ENGINEER & WEB DEVELOPER

- Lubbock, TX
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SKILLS & TOOLS

- JavaScript
- TypeScript
- HTML/CSS
- Node.js
- React
- Angular
- Figma
- GitHub/Git
- Python
- Keras
- Java
- C/C++
- Linux
- Assembly
- SQL

EDUCATION

TEXAS TECH UNIVERSITY

BS in Computer Science, Minor in Mathematics

May 2020 - August 2022

- Whitacre College of Engineering
- Honors from the Honors College
- 3.8 GPA, Magna Cum Laude

PROJECTS

DEEP LEARNING - VEHICLE OCCUPANT CLASSIFICATION

Team Member

- Built a deep learning model in Python using Keras libraries to classify images of vehicle occupants using interpretable and explainable deep learning methods.
- Improved initial accuracy by an average of 11.7% using added datasets and data augmentation.
- Collaborated with team members using GitHub and Git.

GHOSTPOST - LEARNING ENGAGEMENT TOOL

Team Member

- Built front-end web application functionalities using JavaScript, HTML, CSS, and the React library.
- Created project presentations, customer discovery reports, and general design reports.
- Collaborated with team members using GitHub and Git.

PORTFOLIO WEBSITE

- Built a personal portfolio website using the Angular framework.
- Researched and employed best practices for web accessibility.
- Formulated aesthetically pleasing and effective designs to present important information.