

MARICLAIRE DE GUIA

SOFTWARE ENGINEER & WEB
DEVELOPER



Lubbock, TX 79409



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mariclaire-dg.web.app



<https://github.com/marideguia>

SKILLS

JavaScript/TypeScript



HTML/CSS



React JS



Angular



Github & Git



Python



Java



C/C++



EDUCATION

TEXAS TECH UNIVERSITY

BS in Computer Science,
Minor in Mathematics

May 2020 - August 2022

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

PROJECTS

DEEP LEARNING INTERPRETABILITY AND EXPLAINABILITY

Team Member

- Conducted research and built a deep learning model used to classify images of vehicle occupants through 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 functionalities using JavaScript, HTML, CSS, and the React JS 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.