DANIEL GARCIA JR

CONTACT

Phone
(956) 377-6113

Email
dangarci956@gmail.com

Website
https://chavetoni.github.io/website/

LinkedIn
www.linkedin.com/in/dangarjr

EDUCATION

University of Texas at The Rio Grande Valley

BS Computer Science

SKILLS

Programing Languages
- Python, JavaScript, C++, Java
- Familiar with React, SQL, Node.js, HTML, Flutter, and Dart

Technical Skills
- Adobe Products
  - Photoshop, Acrobat
- AutoCAD
- Microsoft Office
  - Word, Excell, Powerpoint, and Teams

Soft Skills
- Fluent in Spanish
- Team Leader
- Problem Solver

PROFESSIONAL EXPERIENCE

AI & Software Developer

MEG Engineers Inc | Pharr TX   Since February 2025

- Architected and deployed full-stack applications with clean, maintainable code
- Designed and implemented AI models, focusing on practical business applications
- Created robust system architectures to support scalable software solutions
- Executed comprehensive debugging and optimization of complex codebases
- Collaborated with cross-functional teams to align technical solutions with business needs
- Researched and integrated emerging technologies to enhance product capabilities
- Maintained and improved existing systems for optimal performance and reliability

Assistant Project Manager | Data Science

MEG Engineers Inc | Pharr TX   May 2024 - February 2025

- Logged collected data from bore sites into the company database
- Collaborated with engineers and project managers to ensure accurate and timely data reporting.
- Assisted in the preparation and review of technical reports and documentation
- Maintained detailed records of all data entry and lab testing activities
- Conducted laboratory tests on soil samples to determine the plasticity index

----

PROJECTS

Personal Care App
- Developed 'EasyPeasyPal', a mobile app designed to make technology accessible and user-friendly for seniors and people with limited technology knowledge. Simplifying daily tasks like appointment management, medication tracking, and communication
- Created the UI/UX interfaces, and managed a cloud-based database using Google Firebase

Weather Application
- Developed a real-time weather website that has a search function, and displays dynamic weather conditions and forecasts.
- Integrated APIs like OpenWeatherMap and LocationIQ for live weather updates and location autosuggestions.

AI Powered Attendance
- Developed a facial recognition AI model using ResNet-18 for efficient attendance tracking in educational settings. Gained expertise in PyTorch for implementing advanced data preprocessing and optimization techniques for robust model performance.

ACTIVITIES & INVOLVEMENT

MEG Engineers Inc.
- Gained hands-on geoengineering insights by shadowing at the engineering firm, focusing on ideal soil selection for construction purposes.
- Acquired knowledge about the entire operation lifecycle, from initiation to completion, and understood the influence of different materials on engineering projects.

UTRGV's 2023 Hack Research
- Participated in a hackathon event where I worked on solving a proposed problem given by faculty

Frontera Devs Club
- Member of the Frontera Devs club
- Participated in various events and workshops