

Davin Davila

956-655-1606 | davin.davila01@gmail.com | linkedin.com/in/davin-davila/ | github.com/dvvin

EDUCATION

University of Texas - Rio Grande Valley

Bachelor of Science in Computer Science

Edinburg, TX

Dec. 2023

EXPERIENCE

Automotive Engineering Intern

Feb. 2024 – April 2024

Revature

Remote

- Assisted in designing and testing ECUs, integrating software and hardware to meet industry standards.
- Implemented CAN systems, improving vehicle communication efficiency through traffic analysis and diagnostics.
- Utilized Vector CANoe to develop automation scripts for vehicle simulation, enhancing accuracy of diagnostics.

Software Engineering Intern

Jan. 2023 – June 2023

Midnight Kravings

McAllen, TX

- Helped maintain the company's e-commerce platform, leading to a 10% increase in user retention.
- Implemented new features on the front-end, improving customer interaction and satisfaction scores by 15%.
- Optimized back-end processes, resulting in a 20% improvement in overall website performance.
- Collaborated closely with the marketing team to integrate user analytics tools, providing valuable insights for targeted marketing strategies.

Web Master

Aug. 2023 – Dec. 2023

Association for Computing Machinery

Edinburg, TX

- Organized and facilitated multiple social events and conferences, enhancing ACM community engagement by 30%.
- Contributed to the redesign of the ACM web page, improving user experience and accessibility.
- Managed front-end development, ensuring the website's functionality aligned with organizational standards.

Google Developer Technical Specialist

Aug 2023 – Dec. 2023

Google Developer Student Club

Edinburg, TX

- Organized workshops highlighting Google Cloud, Firebase, and TensorFlow in software engineering applications.
- Developed club's website using Google Sites and Firebase, enhancing user experience and data management.
- Designed comprehensive tutorials on utilizing Google's development tools suite, including examples with TensorFlow for AI applications, aimed at enhancing the technical skills of club members.

PROJECTS

Vaquero Scheduler | *TypeScript, Next.js, React.js, Tailwind, PostgreSQL, Prisma, Vercel*

- Led the development of a web application designed to streamline the college schedule creation process for students.
- Integrated Next.js and React to build a responsive and interactive user interface, enhancing user engagement.
- Utilized Tailwind CSS for custom, efficient styling, ensuring a simple and visually appealing designs in all pages.
- Developed a filtering algorithm using relational database interactions using PostgreSQL and Prisma.

helloWorld | *Vite, Vue, TypeScript, Django, Python, SQLite*

- Designed a dynamic social media website using Vite and Django, emphasizing user engagement and clean design.
- Featured unique profiles, real-time chat, user/post interactions, friend system, user/post searching by keyword.
- Implemented real-time notifications, and secure, efficient backend processes for a seamless user experience.
- Designed several algorithms for real-time trend tracking and friend suggestions based on mutual friends.

E-Sports Manager | *JavaScript, React.js, Node.js, Express.js, MongoDB*

- Helped lead the development of an online event management platform for e-sports events, using the MERN stack.
- Implemented real-time event updates and user management features such as brackets and user/event pages.
- Designed a secure authentication system using JWT and Bcrypt.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, Rust, Ruby

Frameworks: Next.js, React, Node.js, Express.js, Django, Bootstrap, Tailwind, Ruby On Rails

Developer Tools: Git, Jira, Linux, Netlify, Render, Firebase, MongoDB, Prisma, Vercel