

Justin Aguirre

Email: jw.aguirre@rice.edu LinkedIn: [jw.aguirre](#) | Website: jwaguirre.xyz

EDUCATION

Rice University | Computer Science

Houston, TX | Class of 2027

Southwest Texas Junior College | Associate Of Science/Associate of Arts

Uvalde, TX | Class of 2023

EXPERIENCE

Vestaboard, *Software Engineering Intern*

San Francisco, California | June 22 – August 6 2022

- Using Python, Flask, React, and other various platforms—I was responsible for developing an installable feature for Vestaboard+ users that dynamically displays and updates the board like a clock in real-time. This project required me to ensure seamless integration with the existing system while maintaining optimal performance and user experience.

Steel Dynamics, *Computer Science Intern*

Sinton, Texas | May 6 – August 16 2024

- Using Python, React, and SQL- I focused on enhancing the efficiency and accuracy of coil production monitoring. My primary project involved developing and refining tools to better visualize measurement data, which helped streamline the process of tracking production quality.

AWARDS/ACCOMPLISHMENTS:

2022/23 National Hispanic Recognition Program Award- College Board

SKILLS & INTERESTS:

Skills: Virtualization, Server Deployment, Python, React, Javascript, Java

Interests: Software Engineering, Backend Engineering, Object Oriented Programming

PROJECTS:

Website Portfolio: This project highlights my ability to create a dynamic website. The website was developed using React and Tailwind CSS.

Room Automation: Created an automated environment allowing me to set events based on a schedule in my room. For example, in the morning my blinds would open, lights would turn on, the weather would announce, and music would play.

StockFin: A personalized AI budget tool that tracks monthly expenses while giving you visual feedback on how to decrease spending with a projected budget.

Servery (Current) : A recipe recommendation app that curates new recipes based on your previous preferences. Built with React Native, MongoDB, and Flask, this app features a social network and leverages machine learning to help users discover new recipes.