

Justin Aguirre

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EDUCATION

Rice University | Computer Science

Houston, TX | Class of 2027

Southwest Texas Junior College | Associate Of Science/Associate of Arts | 3.936 GPA

Uvalde, TX | Class of 2023

EXPERIENCE

Programming Basics into Rural Communities, *Volunteer*

Camp Wood, TX | January 2022 - May 2023

- I encourage and work to outreach uninformed students by teaching basic Python programming. Being in a rural town, opportunities can be hard to attain, but I volunteer in hopes to help students explore a new educational pathway.

Vestaboard, *Software Engineering Intern*

San Francisco, California | June 22 – August 6 2022

- Using Python, Flask, React, and other various platforms—I developed Vestaboard installables that went into production for Vestaboard+ users.

Steel Dynamics, *Computer Science Intern*

Sinton, Texas | May 6 – August 16 2024

- Developed a performance visualization tool using SQL, Python, React, and PHP to enhance production efficiency.
- Contributed to various tasks including data analysis, frontend development, and backend integration

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 displays my ability to create a front and backend website that displays my creativity. This website was developed using React, Tailwind and hosted on a virtual private server.

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 feedback on how to improve your budget. It also displays your current expenses, along with a projected graph if you stick to your advised budget.