

Josue Franco

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SUMMARY

Highly motivated and results-oriented aspiring software engineer with a B.S. in Physics. Leverages strong problem-solving and analytical skills honed through physics research and self-taught coding experience in front end (extensive portfolio on GitHub). Proven ability to excel in collaborative environments and a passion for applying technical knowledge to create innovative solutions.

SKILLS

- **Program Languages:** Python, Verilog HDL, HTML, CSS, Javascript, LaTeX, SQL
- **Libraries:** Numpy, Panda, Matplotlib, React
- **Platforms:** Visual Studio Code, Jupyter Notebook, Vivado Design Suite (Xilinx), Overleaf, Oracle
- **Misc:** DataStructures/Algorithms, Information Technology, Data Analysis, Data Management, Unit Testing, Version Control (Git)

PROJECTS

Portfolio Website

Built a personal portfolio website using HTML, CSS, and JavaScript to effectively display my work and enhance my job prospects. The website utilizes responsive design techniques to ensure optimal viewing across various devices. Version control with Git was implemented to manage code changes and collaborate effectively.

Code: <https://github.com/jifranco/Personal-Portfolio> Hosted: <https://jifranco.github.io/>

Discord Bot

Personal project built using Node.js and React that plays Tic Tac Toe against the user. The bot uses a database using SQLite that stores wins and losses against any user, Sequelize is used to write JavaScript for database management. A landing page is created using Node.js for the back end and React for the front end. Git version control was employed to track code modifications and facilitate collaboration throughout the development process.

Languages: JavaScript, Node.js, React, SQLite (sequelize)

EDUCATION

California State University, Stanislaus | Bachelor of Science in Physics

Sept. 2023-May 2024

Top 3 in Physics BS graduates

Merced College | Associates in Physics

Aug. 2018-June 2020

EXPERIENCE

Software Engineer Intern

June 2024 - Present

BreatheIT | Remote

- Developed and implemented client-side web features using HTML, CSS, and JavaScript.
- Demonstrated proficiency in coding with front end languages to build new functionalities.
- Collaborated with fellow team members to identify technical solutions and drive product feature development.

Substitute Teacher

Oct 2023 - Present

Merced County Office of Education | Merced, CA

- Managed classroom activities and facilitated learning experiences tailored to meet the unique needs of Special Education students, leading to a 30% increase in student engagement and participation levels.
- Collaborated with a multidisciplinary team to develop customized Individualized Education Program (IEP) goals for Special Education students in grades K-5, resulting in a 15% improvement in student academic performance.
- Collaborated with school administration and support staff to implement behavior management strategies for students with challenging behaviors, resulting in a 30% reduction in behavioral incidents.

Information Technology Assistant

Sept 2022 - Oct 2023

Le Grand High School District | Le Grand, CA

- Supported a network of over 200 student devices by troubleshooting connectivity issues and ensuring adherence to network protocols (TCP/IP, DNS).
- Collaborated with teachers and staff to provide technical training sessions, improving overall IT literacy among the school community by 40%.
- Became proficient in a wide range of software programs and hardware platforms through continuous training, able to provide assistance for any issue.

CERTIFICATIONS

Coursera | Google IT Support

June 2023

Completed five-courses, developed by Google, that included hands-on, practice-based assessments and are designed to prepare for entry-level roles in IT support. Became competent in foundational skills, including troubleshooting and customer service, networking, operating systems, system administration, and security.

FreeCodeCamp | Front End Development Certification

Aug 2022

Combined time of 1500 hours completed between three courses, developed by FreeCodeCamp, that covers programming with HTML to React with labs and projects posted on my GitHub. Obtained three certifications: Responsive Web Design Certification, JavaScript Algorithms and Data Structures Certification, and Front End Development Libraries Certification