Francisco Preciado

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SUMMARY

I bring creativity, dedication, and organization to the workplace.

I can integrate and collaborate effectively with others.

I am eager to contribute coding and debugging skills to the job.

I am familiar with and have experience troubleshooting computer hardware.

I am currently on track to attain a Bachelor's in Computer Science at Cal State Fullerton.

EDUCATION

Cerritos College — Norwalk, CA
Major in Computer Science — *2018 – 2022*

California State University, Fullerton — Fullerton, CA
Bachelors Degree in Computer Science (In-Progress) — *Aug. 2022 – 2024*
Relevant Coursework: Database Systems, Data Structures, Object Oriented Programming, Software Engineering, Engineering Physics, Analytic Geometry, Trigonometry, Calculus 1 & 2, Software Engineering, Computer Organization & Assembly Language Programming, Java Programming

PROJECTS/EXPERIENCE

GTA(Grand Tuff Auto) — Sep. 2023 – Present
California State University, Fullerton — *Fullerton, CA*

- Platforms: VS Code, Unity, Github, PlasticSCM, Trello, Aseprite
- User-friendly interface for interaction and navigation.
- Developed a Pixel Art Adventure Game: Created a fun, easy-to-play game featuring free-roam character movement, engaging battle sequences, and a pixel art style inspired by the daily life of a CSUF student.
- Implemented Game Mechanics: Utilized Unity with a C++ backend and a C# layer to develop game mechanics, including optional battle scenes and dynamic environments.
- Designed and Integrated Characters: Created a rich cast of characters and environments using Aseprite, enhancing the game's narrative and humor.
- Managed Project with Agile Methodologies: Organized tasks and tracked progress using Trello, ensuring timely completion and effective collaboration.

Food Wastage Tracker Website — Feb. 2023 – June 2023
California State University, Fullerton — *Fullerton, CA*

- Platform: VS Code, GitHub
- Developed Backend functionality using C++ to track and analyze food wastage data, focusing on data processing and storage.
- Implemented algorithms to identify the most commonly wasted foods, the most costly waste-producing meals, and frequent wastage reasons.
- Utilized Agile methodologies for project management, ensuring timely completion of backend development milestones.
- Generated detailed reports on food wastage patterns and provided actionable strategies for waste reduction.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres, MySQL) HTML/CSS
Tools: Git, VS Code, Visual Studio, Excel, Unity, PlasticSCM