Eric Zhao

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Education

University of California, Irvine – BS in Computer Engineering   Dec 2027
City College of San Francisco – AS in Computer Science   June 2025

Skills

CAD: SolidWorks, FreeCad, AutoCad, Ltspice
Software: C++, Python, Java, JavaScript, CSS, HTML
Hardware: Arduino, Raspberry Pi, Esp 32
Security & Networking: Network Security, Ethical Hacking, Kali Linux, Wireshark
Tools & Platforms: Git, Linux, Visual Studio, VS Code
Professional Skills: Customer Service, Team Collaboration, Problem Solving, Time Management, Adaptability

Projects

RayCaster Game   github.com/erzhao102/raycaster-project
- Developed a real time 3D engine using C++ that handled task in a object-oriented design
- Leveraged the GLFW library for a UI and input handling from mouse and keyboard, with optimizations to maintain smooth real-time performance

Choice Based Game   github.com/erzhao102/Choice-based-game
- Built a narrative structure engine in python, which uses gameslot files to provide the user a better experience
- Structured the code into modular components providing for a quicker performance when fixing bugs

Experience

Front Staff, Meet Fresh – Daly City, CA   OCT 2020 - AUG 2021
- Trained five employees on putting orders together, checking quality, and point-of-sale operations
- Developed a clean flow of orders with front and kitchen staff, reducing peak-hour wait times
- Optimized inventory and ingredients stock to prevent shortage during periods with high-volume

Front End Associate, Safeway – San Francisco, CA   MAR 2023 - MAR 2024
- Resolved customer inquiries and complaints with compassion and professionalism, achieving a high satisfaction rating
- Prevented loss in products by monitoring activity, adapting to what seem fit for each situation
- Provided to 200+ customers daily, while maintaining friendly service and quick transaction time

Awards

- Dean's List, throughout my time at City College of San Francisco   2023 - 2025
- Graduated City College of San Francisco with Highest Honors

Classes

- Data Structures and Algorithm (C++) - CS 110C   City College of San Francisco
- Comp Architecture w/ Assembly - CS 270
- Ethical Hacking & Network Defense - CNIT 123
- Network Security - CNIT 120
- Circuit Analysis - ENGN 20