Danny Yu

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https://danny-yu-x.github.io/Portfolio/

EDUCATION

University of California, Davis   Davis, CA
- Bachelor of Science in Computer Science - GPA: 3.49   **Sep. 2023 - Present**

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Algorithm Design & Analysis, Programming & Problem Solving, Discrete Mathematics, Machine Dependent Programming

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, JavaScript, RISC-V Assembly
Developer Tools: Visual Studio Code, GitHub, Docker, Git, PyCharm, UNIX Tools

PROJECTS

Testimonial Grid | HTML, CSS, Visual Studio Code   **Oct. 2024 - Dec. 2024**
- Developed a front-end testimonials grid displaying unique user information and styled sections
- Implemented a mobile-first workflow and desktop design utilizing CSS Flexbox
- Deployed project design utilizing GitHub Pages and executed a live demo

Pricing Card | HTML, CSS, JavaScript, Visual Studio Code   **Oct. 2024 - Dec. 2024**
- Developed a front-end price card that advertises a monthly subscription to a sample product
- Implemented an interactive and styled sign-up button
- Deployed project design utilizing GitHub Pages and executed a live demo

Simple Slot Machine Game | Python, Visual Studio Code, PyCharm   **Aug. 2024 - Sept. 2024**
- Developed an interactive slot machine game that receives user-typed commands in the Terminal
- Implemented multiple functions that calculate the user's balance, total bet, and number of wins
- Utilized the random library in Python to apply randomness in slot output and control game flow

Simple Blackjack Game | Python, Visual Studio Code, PyCharm   **June 2024 - July 2024**
- Developed an interactive blackjack game that receives user-typed commands in the Terminal
- Implemented multiple functions that execute shuffle logic and calculate total hand value
- Utilized object-oriented programming practices

ACTIVITIES

UC Davis Undergraduate Engineering Network Club   Davis, CA
Member   **Nov. 2023 - Present**
- Designed an optimal solution to a real-world problem regarding cybersecurity threats
- Effectively communicated and collaborated with a group of student engineers

SkillsUSA Student Organization   Woodland, CA
Vice Presdident   **Aug. 2021 - June 2023**
- Planned and conducted numerous chapter meetings with advisors and student officers
- Competed in the computer programming competition for SkillsUSA California Hybrid Leadership and Skills Championship