

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 & LEADERSHIP

UC Davis Undergraduate Engineering Network Club

Davis, CA

Member

Nov. 2023 - Present

- Effectively communicated and collaborated with a group of student engineers on software development

SkillsUSA Student Organization

Woodland, CA

Vice President

Aug. 2021 - June 2023

- Planned and executed monthly chapter meetings, weekly fundraisers, game nights, and competitions with several advisors and student officers
- Took the lead role in conducting informative slideshow presentations and engaged members in teamwork-building activities
- Actively communicated and distributed flyers to SkillsUSA members through various social media platforms such as Instagram, Tiktok, and Snapchat