

Angelica Consengco

Summary

Computer Engineering graduate with a comprehensive education and fundamental knowledge of software design and development. Values include communication, learning, and simplicity. Seeking meaningful work as an entry-level developer in an environment that welcomes challenge and encourages growth.

Education

B.S. Computer Engineering **University of California, San Diego** **Sep 2019 - Jun 2022**

- Relevant Coursework: Object-Oriented Programming, Data Structures, Algorithms, Discrete Mathematics, Operating Systems, Computer Security, Computer Architecture, Digital Systems and Logic, Machine Learning and AI, Advanced Software Engineering, Web Client Languages

A.S. Physics, A.S. Mathematics **Citrus College** **Aug 2017 - Jun 2019**

Skills

- Java, Python, C++, JavaScript, HTML/CSS, VS Code, Figma, SystemVerilog
- UI/UX Design, Client-Server Architecture, JavaScript APIs, Testing Frameworks (Jest and Cypress), CI/CD, Git, Agile Development, Technical Writing, Threat Modeling, Processor Design

Work & Experience

UX Lead/Front End Developer **JOT App** **Spring 2022**

- Designed and implemented a bullet journal app targeting high school end-users as part of a team in a professional environment for senior project in Advanced Software Engineering course at UCSD
- Developed custom HTML web components using native Javascript for two MVP features
- Applied user-centered design thinking, accessibility, agile development, test-driven development, CI/CD, integration and E2E testing
- Delivered stable release in under 3 months and received positive feedback in project evaluation

Payload Specialist **NASA Student Launch** **Aug 2018 - Apr 2019**

- Built a high-powered rocket with custom unmanned aerial vehicle (UAV) payload as part of a closely collaborative and rigorous 8-month long competition
- Delivered over 750 pages of technical documentation over the course of the project, detailing design and limitations, project management, and safety for review by NASA panel
- Completed project with a successful launch at the NASA Marshall Space Flight Center and won first place for the Educational Engagement Award for leading several community outreach programs

Computer Science Tutor **Bakersfield College** **November 2022 - Present**

- Tutor and mentor community college students one-on-one in upper division computer science classes including Object-Oriented Programming & Data Structures, Discrete Structures, and Computer Architecture and Organization
- Coordinate with professors and review lecture material to create lesson plans that best fit student needs for success

STEM Tutor **Citrus College** **Fall 2017 - Present**

- Tutor and mentor over 300 community college students a semester in upper-division mathematics and physics courses
- Conduct one-on-one sessions with the challenge of catering to different student learning styles; employ a variety of unique teaching approaches
- Improve student success in class and build proactive learning habits, resulting in a 95% average student rating each semester on the helpfulness of the tutoring services