

## Angelica Consengco

### Summary

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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

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**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

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- 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

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**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

**STEM Tutor**      **Citrus College STEM Center**      **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