Joceline Duque

Irvine, CA (willing to relocate) | (951) 403-8435 | duquejoceline@gmail.com | https://osu.my.canva.site/jocelineduqueportfolio

EDUCATION

University of California, Irvine: The Henry Samueli School of Engineering Irvine, CA
Bachelor of Science in Civil Engineering 09/2025 – 06/2029
GPA: 3.67 | Dean's List
Relevant Coursework: Mechanics of Materials [In Progress], Statics [Completed Fall 2026], MATLAB and Computational Problem Solving [Completed Fall 2026], Introduction to Civil Engineering (AutoCAD and SketchUp) [Completed Spring 2026]

SKILLS

- **CAD/3D-Modeling:** AutoCAD, SketchUp, SolidWorks
- **3D Printing:** Bambu Studio
- **Programming:** MATLAB
- **Productivity Suites:** Microsoft 365, Google Workspace
- **Languages:** English and Spanish (Native/Bilingual)

PROJECT EXPERIENCE

UCI 3D-Printing University of California Irvine
Printing Sub-team member 11/2026 – Current

- Slice and print 3D-printed test specimens using Bambu Studio and a Bambu A1 printer to support material evaluation
- Observe compression and tensile testing and analyze how infill patterns and percentages affect strength
- Assist with printer maintenance
- Research Bambu configurations for 3D-printing most suited to our purposes

Anteater Ride Engineering University of California Irvine
Sub-team Lead 10/2026 – 11/2026

- Led a 4-person theming sub-team
- Designed model roller coaster theming elements
- Created marketing and outreach materials
- Coordinated with 5 other sub-teams to ensure that aesthetic elements do not compromise the structural integrity of the ride

Toronto Metropolitan Thrill Design Competition University of California Irvine
Graphics Lead 04/2026 – 06/2026

- Collaborated on an amusement park attraction concept integrating guest flow, ride vehicles, and environments
- Developed character, vehicle, and environment designs aligned with attraction layout, safety constraints, and competition prompt

OAI Summer Bridge University of California Irvine
Team Member 08/2025 – 08/2025

- Collaborated on a 4-person team to design and build a themed remote-control car within a one-week deadline
- Modeled custom components in SolidWorks for 3D printing and laser cutting

EXTRACURRICULARS

ASCE-American Society of Civil Engineers University of California Irvine
General Member Fall 2025 – Current
IVP Intern Fall 2026 – Current
ASCE OC Mentorship Academy Fall 2026 – Current

SHPE-Society of Hispanic Professional Engineers University of California Irvine
General Member Fall 2025 – Current