

Gianna Carlino

Monterey and Irvine, CA - gcarlinocira@gmail.com- (831) 601 2390

Mission: To improve the current city infrastructure and help maintain local urban areas.

EDUCATION

University of California, Irvine

Environmental Engineering B.S. GPA: 3.74

Relevant Coursework: Civil Engineering Practicum I-II, Statics, Computational Problem-Solving, Intro to Engineering I-II, Probability and Statistics

WORK EXPERIENCE

Earth Reps

September 2025 - December 2025

Intern

Irvine, CA

- Educated UCI Students on waste operations
- Created a campaign for a grocery sustainability workshop
- Engaged in both beach clean-ups and ecological preserve restoration events

Sustainable for a Just Future

September 2024 - August 2025

Intern

Irvine, CA

- Promoted sustainability and outreach
- Spread infographics on social media
- Worked with UCI professors to create a sustainable solutions convention
- Supported new projects working to end climate change

Bistro Moulin

June - August 2025

Busser/Server

Monterey, CA

- Attended to customers to ensure 100% satisfaction
 - Prevented the restaurant from experiencing inefficient backups in seating, food service, and reservations
 - Maintained a clean and safe environment
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PROJECTS

Sustainable Solutions

American Society of Civil Engineers

- Collaborated in a team to create a mock-up of a cooling system for a data center
- Performed structural analysis
- Crafted an aesthetic design using SketchUp

Computer Modeling - Civil Engineering Practicum I

- CAD to the exact dimensions of a school institution building using SketchUp
- Utilize patterns and geometry of the building to create a realistic mock-up

Construction & Programming CAD RC Car - Intro to Engineering I/II - Electronics Team Lead

- Manufactured a CAD design of the RC Car from Solidworks with 3D-printing and laser cutting
 - Utilized Arduino to control steering mechanisms on a parallel steering rover
 - Coded line tracking and a claw gripping mechanism with Pixycam and IR sensors
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SKILLS

Technical: MATLAB, AutoCAD, ArcGIS, Sketchup, Arduino, Solidworks, Soldering Circuits/Wires, EXCEL,3D Printing, Laser Cutting