

Diana Rentería

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EDUCATION

Loyola Marymount University **Los Angeles, CA**
Bachelor of Science in Engineering Candidate, Civil Engineering May 2022

GPA: 3.69

Relevant Coursework: Intro to Environmental Engineering, Water Resources Planning and Design, Statics, Surveying and Mapping, Fluid Mechanics, Engineering Economics, Thermal-Fluid Systems, Structural Analysis

WORK EXPERIENCE

Loyola Marymount University **Los Angeles, CA**
Undergraduate Teaching Assistant: Intro to Mechanics Spring 2020 - present
Undergraduate Teaching Assistant: Intro to Engineering, Particle Dynamics Fall 2020 - present

- Produced accurate and up to date records and reports as required by professor
- Graded 60+ lab reports a week, provided individual feedback on assignments
- Office hours once a week, provided one to one assistance for students

Research Assistant Fall 2020 - present

- Assessing methods of predicting rainfall infiltration effects for design-based threshold evaluations
- Build upon my engineering knowledge of analysis methods to assist with the assessment of the current methods of infiltration analysis for embankment dams

ACADEMIC ACTIVITIES

Loyola Marymount University **Los Angeles, CA**
Society of Women Engineers, Member 2018 - present

- Outreach Chair (2020-2021)

American Society of Civil Engineers, Member 2018 - present
Society of Hispanic Professional Engineers, Member 2018 - present
Club Tennis, Member 2018 - present

- Co-President (2020-2021)

Engineers for Humanity, Member 2018 - present
Sursum Corda Service Organization, Member 2019 - present

COMMUNITY INVOLVEMENT/ VOLUNTEER EXPERIENCE

St. Francis Food Pantry **Los Angeles, CA**
Volunteer 2019 - 2020

- Sorted and stocked food donations
- Helped during setup and clean up
- Ensured that all customers felt welcome and cared for

Loyola Marymount University **Tijuana, BC**
Engineering for Humanity Project Fall 2018

- Formed part of an eight-person team of engineering students to help design and build two wooden ramps for a school in a high-risk neighborhood
- Partnered with locals to ensure community standards were met and exceeded

AWARDS

Dean's List 2018 - present
LMU Arrupe Scholarship 2018 - present
Weingart Foundation Scholarship 2018 - present
Butier Family Scholarship 2019 - present
CTF Mobility Symposium Scholarship 2020

SKILLS & LANGUAGES

Skills: Microsoft Suite, Fusion 360, MATLAB, SketchUp, ArcGIS Pro, AutoCAD Civil 3D, Adobe Photoshop

Languages: Bilingual in English and Spanish, proficient in French and German