

Edson Monroy

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OBJECTIVE: A Civil Engineering student seeking for an opportunity to gain experience and advance their career.

EDUCATION

California State Polytechnic University, Pomona - Pomona, CA

August 2021- May 2023

Bachelor of Science in Civil Engineering General Option

Relevant Coursework: Surveying Engineering, Geotechnical Engineering, Transportation Engineering, Structural Analysis I, Structural Design- Steel, and Structural Design- Reinforced Concrete

Los Angeles Community College- Los Angeles, CA

Graduated June 2021

Associate of Science: Physics, Mathematics, Natural Science and Mathematics

PROFESSIONAL EXPERIENCE

General Labor Construction Worker, Los Angeles, California

October 2015 - Present

- Determined materials needed for daily shifts and loaded vehicles with equipment and supplies
- Worked independently in a fast-paced environment while meeting productivity and quality expectations
- Observed safety regulations on job sites to minimize accidents
- Worked with knowledgeable professionals to grow understanding of principles and constructions standards
- Familiar with framework with history of quickly learning new techniques and equipment operation

CAMPUS INVOLVEMENT & AFFILIATIONS

Life Cycle Analyst & Secretary- Orange County Sustainability Decathlon 2023

August 2022- Present

- Conducted life cycle assessment to analyze the embodied carbon of materials during the design process of a 2,400 square footage modular home
- Increased the use of both virgin and recycled materials by proactively researching ecological effects of materials selection
- Collaborated with design team in design decisions and material options
- Attended weekly team meetings and recorded meeting minutes

Treasurer- National Society of Black Engineers, Pomona, California

December 2021- August 2022

- Became knowledgeable of college policies and procedures regarding finances and purchases
- Maintained a monthly statement of fund balances for all faculty sponsors of each activity program
- Maintained files and convenience copies of all purchase orders, delivery receipts, and other related orders until such time as they can be disposed
- Evaluated financial information to determine present and future financial performance

OTHER AFFILIATIONS:

American Society of Civil Engineers, Pomona, California

February 2022 - Present

Los Angeles Council of Black Professional Engineers

February 2022 - August 2022

California Land Surveyors Association

February 2022 – Present

SKILLS & INTERESTS

Language: Spanish

Computer: Proficient in Excel, Word, PowerPoint & Outlook, Revit, Civil 3D, Microstation, Bluebeam, Sap2000

Honors/Awards:

- **Dean's List:** Spring 2020, Fall 2020, Spring 2021
- **Scholarships:** Physics/ Engineering Department Spring 2021