

# Eneyda G. Hernandez

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## OBJECTIVE

Motivated third-year student seeking a summer internship in transportation engineering.

## EDUCATION

Bachelor of Science in Civil Engineering

*Expected Graduation in June 2024*

Bachelor of Arts in Spanish

University of California, Davis

Related Coursework: Engineering Planning, Statics, Calculus, Linear Algebra, Spatial Data Analysis, Physical Geology, Physics

## SKILLS

- Engineering, science, and sociodemographic data analysis
- Translating contracts, construction manuals, and timelines to Spanish
- Team player with a problem-solving attitude
- Effective group facilitator and public speaker

## SOFTWARE & PROGRAMS

- AutoCAD
- Microsoft Word
- Microsoft Excel
- ArcGIS
- Streetmix
- Census

## EXPERIENCE & PROJECTS

### Engineers without Borders at UC Davis

*01/21 - Present*

Project & Communication Lead for the UC Davis EWB Bolivia Project

Alongside the project managers (budget, construction, and inspection leads) I have created and amended contracts, construction manuals, itemized lists of materials, and agreements for the community of concern. I have also organized other projects such as COVID relief by working directly with the community of Parque Colani in Bolivia.

### Institute of Transportation Engineers, UC Davis Student Chapter

*09/21 - Present*

*Co-President of the UCD ITE Student Chapter and Project Lead for MidPac*

As part of the planning group, I researched the impacted communities in the project location (e.g. Fresno County and Natomas). I used US Census data, such as occupation, mode of transportation to work, income, and access to technology to determine the needs of the community and the potential impacts of the project. I also contributed to the writing of the report and presented our evidence and findings to a group of Caltrans employees.

### Steel Bridge Student Design Competition

*09/20 - 01/21*

*Member of the UC Davis American Institute of Steel Construction Steel Bridge Team*

In the construction team, I researched and summarized the importance of the types of connections, tools, number of builders, and location of builders in developing the sequence and schedule of construction. I also performed a cost estimate of PPE/tools by creating an Excel tool, which included the item, quantity, and total price.