

NATHALIE CRUZ

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SUMMARY

Motivated, multi-cultural and adaptable civil engineering student seeking an internship or co-op opportunity to be able to translate acquired knowledge and theories into practice, gain experience and positively impact the industry.

EDUCATION

Bachelor of Science in Civil Engineering

May 2023

University of Houston, Cullen College of Engineering – Houston, Texas

Architecture Minor

3.28 GPA

SKILLS

Fluent in Portuguese, English, and Spanish; Proficient in French

MicroStation, GEOPAK, OpenRoads, AutoCAD, Civil 3D, MATLAB, Excel

Adobe Certified Associate in Adobe Premiere Pro, Adobe Photoshop, Adobe Illustrator

EXPERIENCE

Transportation Intern

Civil Tech, A Woolpert Company, Houston, TX

June 2021- Current

- Assisted engineers and CADD technicians with PS&E development and QA/QC to ensure design and drawings were developed in accordance with program plan's criteria and HCTRA's standard specifications.
- Completed basic roadway and drainage design using MicroStation OpenRoads and GEOPAK.
- Generated a roadway cost estimate and a corresponding shape file for the US 59 highway expansion in Laredo, TX to be used in the project's 60% submittal.
- Updated a 1999-unit item cost estimate for the city of Victoria, TX using TXDOT's 2021 12-month average bid prices to be used in future projects.
- Obtained an understanding of TXDOT and Harris County design manuals and standard specification books to support project activities and design work.

Checker

H-E-B, Houston, TX

December 2017 – May 2021

- Offered exceptional customer service to differentiate and promote the company's brand.
- Performed multiple simultaneous roles as needed to ensure fast customer flow during peak times.
- Operated point of sale system while keeping assigned area fully stocked and clean.

STUDENT ORGANIZATIONS

American Society of Civil Engineers (ASCE), Symposium Awards Coordinator

August 2020 – Current

- Serve as part of the 2022 Region 6 Symposium Planning Committee to be hosted by the University of Houston as the Awards Coordinator.

Society of Hispanic Professional Engineers (SHPE)

August 2019 – Current

ADDITIONAL PROFESSIONAL EXPERIENCE

Panelist, "Women of Color Summer Engineering Camp," University of Cincinnati

July 12-16, 2021

- Shared my career and personal experiences as an international woman in the engineering world with high school seniors interested in STEM.