

DANDYS PAYERAS G

Civil Engineer Student

ABOUT ME

I like to take pride in whatever I am doing no matter how little the task. I always strive to deliver my work with the best of my abilities. I am open minded and believe that there is always something I can learn from others. I am quick at learning new tasks and take pride in understanding how things work.

SKILLS

Proficient in the use of Microsoft Word, PowerPoint, and Excel

Engineering knowledge in the use of AutoCAD, MicroStation, Civil 3D, SAP 2000, Bluebeam, Synchro, Revit

Proficient in writing, reading, and speaking the Spanish Language

CONTACT

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EDUCATION

California State Polytechnic University, Pomona (GPA 3.35)

Fall 2020 – Spring 2023

- Bachelor of Science in Civil Engineering (Expected May 2023)
- Dean's List (Fall 2020 & Spring 2021)
- President's List (Spring 2021)

Long Beach City College

Fall 2016 – Spring 2020

- Associates of Science in Mathematics
- Dean's List with honors (Fall 2018 & Spring 2019)
- Dean's List with Great Distinction (Fall 2019)

SCHOOL PROJECTS

Lateral System Project

Spring 2021

- Analyzed a cast in place concrete building.
- Researched the site information for Calculations.
- Calculated the wind and seismic loads for the building.

Freeway Interchange design and traffic signal design

Spring 2022

- Designed the horizontal and vertical alignments of an on and off ramps of a freeway using CALTRANS guidelines.
- Conducted a traffic analysis using synchro software for existing and projected roads.
- Graded each intersection according to CALTRANS ICI LOS guidelines.

Geotechnical Report

Fall 2022

- Grabbed samples from a borehole in the field.
- Performed a variety of tests on the samples.
- Created a geotechnical report based on the information from the samples.

Orange County Sustainability Decathlon 2023

Fall 2022-Present

- Worked alongside Architects to create a design for a sustainable house for the competition.
- Helped with the development of the construction documents.
- Helped develop the site plan for the future residential community.

WORK EXPERIENCE

Islands Fine Burgers and Drinks, Server (July 2021-Current)

Long Beach City College ESL Office, Student Assistant (September 2016-May 2020)