

# Jayna Alviar

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## SUMMARY

Motivated and willing to grow as a committed Civil Engineering student. Excellent communication skills, basic AutoCAD knowledge, and collaboration with others while working as a team. Prepared to work in an environment that possess strict deadlines and accurate work.

## EDUCATION

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Expected Major: **General Civil Engineering**  
Graduation: *CALIFORNIA POLYTECHNIC STATE UNIVERSITY | POMONA, CA*  
2024 Cumulative GPA: 3.4  
Spring 2021 College of Engineering Deans List

### Relevant Clubs

- Earthquake Engineering Research Institute (EERI) – Quality Control Lead

### Relevant Courses

- Statics and Mechanics of Materials
- Fluid Mechanics
- Geotechnical Engineering
- Structural Analysis and Design

### Courses in Progress

- Transportation Engineering
- Civil Engineering Materials
- Structural Design – Reinforced Concrete
- Structural Design – Steel
- Project Design Principles and Application

## JOB EXPERIENCE

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Mar 2023 – Current

### Peer Advisor – National College Resources Foundation

- Provide academic support to classrooms with 15-32 students
- Effectively communicate with students, teachers, and staff
- Mentor and coach students academically and socioeconomically
- Submit 18 weekly data reports
- Active mandated reporter

## SKILLS / PROJECTS

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- Support Cal Poly Pomona's Sustainability Decathlon project (Roots House)
- Basic knowledge of the ASCE 7-16 code
- Creation of Topography Map of an 81,000 sq. ft. meadow by collecting data with a total station and prism, using AutoCAD to design
- Creation of pipe systems that follow the Western Municipal Water District using WaterCAD
- Redesign of 10 mile roadway using Bentley MicroStation V8i
- Exemplary knowledge of Microsoft word, excel, and power point
- Basic knowledge of MicroStation