

Madelyn Bickel

SUMMARY

Diligent when it comes to school. Works with great effort to turn in accurate and well-thought-out work. Passionate for environmental engineering and all disciplines of science.

WORK EXPERIENCE

Willdan Engineering, Industry, CA - Technical Aid

June 2022 - Current

- Prepare exhibits and for grant applications
- Execute on-site Engineering and Traffic Surveys
- Research and compile collision analyses of intersections
- Work with common engineering technology
- Participate in discussions regarding projects throughout the design phase

Starbucks, Eastvale, CA - Barista

May 2021 - May 2022

- Connect with customers on a more personal level
- Work closely with many different personalities
- Navigate a high-stress work environment
- Memorize different recipes and adhere to potential modifications

CVS Pharmacy, Eastvale, CA - Drug Clerk

June 2020 - May 2021

- Effectively communicate with customers and coworkers
- Promote the best deals for customers
- Safely sort through potentially toxic waste, organic waste, and municipal solid waste
- Organize and set out product

ACTIVITIES

Orange County Sustainability Decathlon, Pomona, CA -

Environmental Project Leader

- Coordinate with peers
- Communicate with potential vendors
- Provide timeline updates
- Prepare and conduct meetings with industry professionals

CONTACTS

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EDUCATION

California Polytechnic State University of Pomona

Major: Civil Engineering with Environmental

Emphasis

GPA: 3.7

Expected Graduation Date: Fall 2023

PROFICIENCIES

Civil 3D

AutoCAD

Bluebeam

Microsoft Office

RELEVANT COURSEWORK

- General Chemistry Lecture and Laboratory
- Introduction to Civil Engineering Lecture and Laboratory
- Calculus I, II, and III
- English: First Year Composition
- Newtonian Mechanics Lecture and Laboratory
- Surveying Engineering Lecture and Laboratory
- Technical Communications and Public Speaking
- Infrastructure Economics and Public Policy
- Engineering Statics
- Water Resources
- Elementary Linear Algebra and Differential Equations
- Introduction to Regenerative Studies
- Mechanics of Materials
- Fluid Mechanics
- Application of Statistics in Engineering
- Environmental Engineering Lecture and Lab
- Computer Programming and Number Methods