

Leili Nelson

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Education

California Polytechnic State University - San Luis Obispo | San Luis Obispo, CA

Computer Science | 05/2027

Engineering Dean's List Winter 2024, Spring 2024

Relevant Coursework: Data Structures, Project Based Object Oriented Programming and Design, Intro to Computer Organization, Discrete Structures, Design and Analysis of Algorithms

Skills

Programming Languages: Proficient in Java and Python

Experience with JavaScript, HTML, C, RISC-V Assembly, and TI Basic

Skills: Problem Solving, Customer Service, Communication

Programming Project Experience

Personal Expense Calculator

- Used Python to parse a text file and extract data for easily editable user input
- Designed a program to make my budgeting quick and easy
- Included a flexible system so that I could effortlessly re-categorize purchases as new circumstances arose
- Refactored code several times as new features were added

Infinite Series Calculator

- Worked with a classmate to create an application to run on a TI calculator using libraries
- Implemented calculus concepts into a final product
- Distributed tasks equally to finish in a timely manner
- Learned about C through creating this application

College Organizations

oSTEM | Member since September, 2023 | **Treasurer** since June, 2024

- Met with other individuals with similar goals to learn about advancing our careers
- Learned about diverse groups and how to be more inclusive
- Communicated with other officers to create a budget
- Kept track of necessary expenses
- Collaborated with others to promote the success of the club outside of finances

Mustang Band | Member since September, 2023

- Balanced a full course load with frequent performances in school football games and other events
- Provided an entertaining experience for the audience, while also having fun and providing an excellent musical performance

Work Experience

Jamba | San Luis Obispo, CA

Team Member | 06/2022 - 09/2023

- Communicated with coworkers in a fast-paced environment
- Managed priorities, balancing quality with deadlines
- Provided customer service in challenging situations