

# MICHELLE CHI

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## EDUCATION

### California Polytechnic State University, San Luis Obispo

San Luis Obispo, CA

*Bachelor of Science in Computer Science, GPA: 3.4*

*Sept. 2021 – March 2025*

*Relevant Coursework: Data Structures, Systems Programming, Discrete Structures, Computer Architecture, Database Systems, Machine Learning, Dynamic Web Development, Software Engineering*

## WORK EXPERIENCE

### Software Engineer Intern

Sept. 2024 – Present

*Jackrabbit*

*San Luis Obispo, CA*

- Enhance the company's website by improving the maps system and refining the seller frontend profile
- Optimize user experience and integration of new features for better marketplace navigation and user interaction
- Utilize React, Python (Django), PostgreSQL, AWS, and JIRA to develop and deploy

### Data Platform Assistant

April 2024 – Present

*Cal Poly College of Engineering*

*San Luis Obispo, CA*

- Enhance office organization by implementing streamlined processes using Excel, Power Platforms, and SharePoint, resulting in improved efficiency and accuracy in faculty and staff assignments.
- Automate data sorting and manipulation tasks, ensuring data integrity across multiple spreadsheets and databases
- Provide technical support and documentation to departmental staff, enabling independent data analysis and management for ongoing operational needs.

### IT Intern

June 2024 – August 2024

*Terumo Neuro*

*Aliso Viejo, CA*

- Developed Power BI reports with Dataverse, enhancing data visualization and analysis for better decision-making and efficiency
- Built Power Apps solutions for automating email notifications and form management, reducing manual tasks by integrating Power Automate and Power Fx
- Optimized IT workflows using Microsoft tools, automating processes through expertise in Power Platform technologies

### Information Technology Assistant

June 2023 – April 2024

*Cal Poly Information Technology Services*

*San Luis Obispo, CA*

- Provide technical assistance through configuring and deploying new hardware, software, printers, and computing account management, utilizing Active Directory and Group Policy
- Image and install a variety of computing devices including computers, laptops, and mobile devices using SCCM
- Troubleshoot network connections, hardware, and software issues on a variety of computer systems (Windows/Mac) across campus
- Documenting all department tickets, issues, data, and customer interactions using Atlassian JIRA and Confluence

## PROJECTS

### PolyBuddy | *JavaScript, HTML, CSS, React, Node.js, MongoDB, Microsoft Azure*

May 2024

- Full-stack mobile application aimed to seamlessly guide students and faculty through the Cal Poly SLO campus, enhancing the overall campus experience
- Spearheaded intuitive features such as a React schedules component for visualizing classes and a map search page powered by Google Maps API for seamless navigation to class buildings
- Utilized React for the frontend, Node.js for the backend, MongoDB as a database, and Express.js to implement API endpoints

### Library Management System | *Java, MySQL, Maven*

December 2023

- Spearheaded the creation of a library system using JavaFX and MySQL, delivering a user-friendly interface for users and admin
- Developed key functionalities, including login, book management, return processes, search capabilities, and automated fines calculation
- Integrated a MySQL database for secure data storage and utilized Java, SQL, and JavaFX to optimize library operations

## TECHNICAL SKILLS

**Languages:** Python, Java, C, HTML, CSS, SQL, React, JavaScript, Scala, Spark, Hadoop

**Developer Tools:** Visual Studio Code, IntelliJ, Vim, Git, GitHub, MongoDB, Jira, Slack