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 Adobe, 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 department, enabling independent 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 connection, hardware, and software issues on a variety of Windows/Mac systems across campus
- Documenting all department tickets, issues, data, and customer interactions using Atlassian JIRA and Confluence

PROJECTS

AppTrak | *TypeScript, HTML, CSS, Node.js, Express.js, MongoDB*   November 2024
- Built a job application platform to provide secure, efficient job application processing
- Implemented data analysis tools to visualize trends and metrics, enhancing user insights and decision-making
- Designed a responsive user interface with HTML and CSS, optimizing user experience on desktop and mobile devices

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, 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, TypeScript, Scala, Spark, Hadoop
Developer Tools: Visual Studio Code, IntelliJ, Vim, Git, GitHub, MongoDB, Jira, Slack