

# Josh Queja

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## EDUCATION

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### California Polytechnic State University

San Luis Obispo, CA

Bachelors of Science, Computer Science

Expected Graduation: Spring 2025

Relevant Coursework: Data Structures, Project Based OOP, Systems Programing, Algorithms (anticipated), Databases (anticipated), Intro to Software Engineering (anticipated)

Cumulative GPA: 3.30

## WORK EXPERIENCE

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### Systems Developer Intern, SESLOC Federal Credit Union

Jun 2023 – Sep 2023

- Developed and modified programs, applications, and reports for organizational use, utilizing a diverse range of programming languages, including SQL, HTML, CSS and Python.
- Proposed and implemented processes contributing to the enhanced efficiency of the organizational strategies.
- Maintained meticulous documentation and demonstrated expertise in database structures and programming capabilities.
- Collaborated with cross-functional teams during implementation of regulatory and security practices.
- Increased productivity by implementing Git and Azure DevOps for Information Technology department

### Orientation Leader, New Student Transition Program

Jun 2022 – Sep 2022

- Facilitated a smooth college transition for new students through effective communication, adaptability, and peer collaboration.
- Created a welcoming environment, fostering positive connections and enriching experiences.

## PROJECTS

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### Distributed File Storage System

April 2023

- Developed a Separate Chaining Hash Table database using C, which efficiently stored and managed file metadata, allowing for quick look ups and retrieval of files based on unique keys.
- Interact with the file storage system, using the CURL library as a client. Making HTTP requests to the servers, to store, retrieve, or create files.
- Integrated the fork system call to achieve scalability over the course of the program.

### Knight's Tour

Jun 2022

- Developed an elegant, scalable solution utilizing recursion to navigate complex puzzles on a chessboard graph.
- Deconstructed puzzles into subproblems, revealing key insights for crafting efficient recursive algorithms.

### NASA PUBLIC API

*Present*

- Crafted a web application that integrates with NASA's NeoWs API to exhibit asteroid statistics.
- Promoted public access to NASA's data

## ACTIVITIES

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### Pilipino Cultural Exchange

San Luis Obispo, CA

Kasayahan Coordinator

June 2022 - Apr 2023

- Kasayahan translates to “celebration”, coordinated and choreographed traditional dance performances.
- Foster a safe and inclusive space for participants of all experience levels to learn and grow.

## Industry Skills

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**Technical Skills:** Python, Java, C, RISC-V architecture, Django, Linux, Git, HTML/CSS, Microsoft IIS, Amazon Cloud Practitioner (anticipated)