Christian Alameda
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PROFESSIONAL SUMMARY

Highly motivated and results-driven computer science student with a passion for software development and data analysis. Adept at working collaboratively with cross-functional teams, and committed to delivering high-quality work on time and within budget. Seeking a challenging internship or entry-level position to further develop technical and professional skills.

EDUCATION

College: California State University, Stanislaus, Turlock, CA

- **Degree:** Bachelor of Science in Computer Science
- **Grade:** 3.7 GPA
- **Expected Graduation:** Spring 2024
- **Relevant Courses:** Assembly Language and Computer Architecture, Computer Organization, Data Structures and Algorithms, Probability and Statistics, Programming Languages, Theory of Algorithms, Software Engineering, Operating Systems, Eccomerse, and NoSQL Database Systems

LANGUAGES AND TECHNOLOGY

- **Languages:** Python, Java, R, Javascript, React.js, C++, SQL, MongoDB, HTML, CSS
- **Technologies:** Visual Studio Code, Replit, Eclipse, Excel, CSV, Windows, Linux: Ubuntu, Kali, Mint, Arch, PopOS

EXPERIENCE

ASPIRE: Turlock, CA
Research Intern; February 2023 - Present

- Developed a pharmaceutical Big Data website correlating DNA strands to diseases for researchers.
- Utilized a 10 terabyte Database, with over 5,000 diseases which countless medical researchers can use.
- We accomplished this using MongoDB, Spark, R, and Shiny(R library for UI) in over 3129 lines.

SOFTWARE DEVELOPER PROJECTS

Server Checker

- Led a team of 3 in developing an app tracking website uptime/downtime using AI for predictive analysis.
- There are over a 1000 possible websites for a user to choose and look at for their technological information.
- Created using languages: Python, Javascript, CSS, HTML and tools: MongoDB and Flask in 3946 lines and 37 files.

Bird Cataloging System

- Crafted a bird catalog system, enabling users to search/manage birds with various attributes.
- The system features a database with the top 100 birds and has been accessed by nearly 100 users.
- This project was created using languages: languages:Python, Javascript, CSS, HTML as well as tools being MongoDB and Flask and was written in 5502 lines and 19 files.

Chess Game

- Created a chess game by the rule set provided by The International Chess Federation with a GUI.
- 500 games have been played using this program.
- Created using libraries: Pygames and OS in 2,167 lines.

Menu Creation

- Developed a menu customization program for restaurants, featuring testing with Lists, Linked Lists, Sorted Linked Lists, and Hash Tables.
- Over 50 different menus have been created and customized.
- Achieved this through the use of a CSV file and using 1206 lines with 33 files

CLUBS AND AWARDS

- **LinkedInLearning Certificates:** Level Up: SQL, Developing SQL Databases
- **Excel Certificate:** Completed a 14-week bootcamp graded by a series of quizzes, requiring 7 quizzes dispersed through the time and passing all 7.
- **CS4me Drone Hackathon**: Placed 1st in the advanced group by flying and coding the Drone to move along the course.
- **National Society of Leadership and Success:** Selected for demonstrated Leadership and Academic Performance based on history of leadership and academic success.
- **Dean's List:** CSUS in 2022-2023, MJC in 2020-2022
- **Clubs:** Computer Science Club