

# Jared Pope

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## EDUCATION

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### California State University, Fullerton

Fullerton, CA

*Bachelor of Science in Computer Science. GPA: 3.91*

*Aug. 2021 – May 2024*

**Relevant Coursework:** Object Oriented Programming, Python Programming, Cybersecurity Fundamentals, Intro to Game Design, Compilers, Algorithm Engineering, Software Process, Web Front-End Engineering, Operating System Concepts, Artificial Intelligence, Intro to Machine Learning, Databases, Linear Algebra

## EXPERIENCE

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### Instructional Student Assistant

August 2023 – Present

*California State University, Fullerton*

*Fullerton, CA*

- Evaluated and graded assignments, quizzes, and exams for Assembly and Object Oriented Programming courses.
- Provided constructive feedback on student assignments to facilitate learning and improvement.
- Assisted teaching staff in maintaining grading consistency and following established grading criteria.
- Attended regular meetings with the teaching team to ensure alignment in grading procedures and course objectives.

### Warehouse Technician

June 2015 – August 2018, December 2020 – May 2021

*Riverside Medical Clinic*

*Riverside, CA*

- Maintained inventory levels for a surgery center totaling close to \$1 million
- Utilized a database system to track inventory, order supplies, and maintain accurate records of all transactions
- Developed and implemented new processes to streamline inventory management and reduce waste
- Regularly communicated with Doctors and Nurses to ensure supplies and medication were supplied as needed

## PROJECTS

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### HeyDJ | *Python, OpenAI, Spotify, Speech Recognition*

January 2024

- Designed and implemented an innovative voice-controlled assistant for Spotify using Python, OpenAI, Speech Recognition, and Spotify.
- Utilized pporcupine for wake word detection, allowing the application to respond to the phrase "Hey DJ" and begin listening for the user's command.
- Established a connection between the OpenAI and Spotify APIs to interpret user commands, retrieve relevant information, and control the user's Spotify account.
- Handled the exchange of data in JSON format to ensure a smooth flow of information.

### MoneySync | *React, Express.js, Firebase*

October 2023

- Designed and developed a full stack financial tracking web application with a React front-end and an Express.js back-end
- Implemented a user authentication system, incorporating secure Sign Up and Sign In mechanisms to protect user data and ensure a safe financial tracking experience.
- Utilized Firebase as the backend database, enabling efficient storage and retrieval of user data. Integrated graphs and tables for an intuitive and insightful financial overview.
- Built a secure RESTful API, facilitating user registration, authentication, and allowing users to add and manage their financial information across multiple bank accounts.

### Chess | *C++, wxWidgets, Git*

June 2023 – August 2023

- Developed a Chess application in C++ utilizing the wxWidgets framework.
- Implemented the standard rules of Chess, including legal moves, draws, and checkmates for an authentic experience.
- Enhanced user decision making by dynamically highlighting legal moves upon piece selection.

## TECHNICAL SKILLS

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**Languages:** C, C++, C#, Java, Python, JavaScript, TypeScript, Assembly, Lua, HTML/CSS, Go

**Frameworks:** Node.js, React.js, Flask, Django, Express.js, Svelte, Unreal Engine, Godot, jQuery

**Developer Tools:** Git, Linux, Microsoft Visual Studio, Firebase, SQL, MongoDB, Agile, Scrum, Trello, Docker, Figma, R, Excel