

Kyle Whynott

Software Development Engineer

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EDUCATION

Master of Science (M.S.), Software Engineering

California State University, Fullerton

Graduation: May 2026
Fullerton, CA

Bachelor of Science (B.S.), Computer Science

California State University, Fullerton

Graduation: May 2024
GPA: 3.4 Fullerton, CA

- Concentration in Data Science, Distributed Systems, and Web Full-Stack Software Development Engineering

RELATED COURSEWORK

Courses: Artificial Intelligence, Data Science & Big Data, Software Engineering, Web Front-End Engineering, Web Back-End Engineering, Software Design, High Performance Computing, Computer Communications

PROJECTS

AI Health Companion

November 2023 – Present

Technologies: openAI API, Android Studio, Retrofit, FastAPI

- Implementing an AI Companion that detects early signs of dementia through the symptom associated with the inability to comprehend and communicate with language
- Conducting research related to the topic at hand and exploring what fine-tunings and embeddings the team can implore to make the project a success

ACM CSUF Website

October 2023 – Present

Technologies: Svelte, HTML/CSS/TS

- Collaborating as a team member to work on the redesign and implementation of ACM's website at CSUF, encompassing over 10 web pages
- Utilizing the svelte framework control state management and implement dynamic front end web features

WORK EXPERIENCE

Project Assistant

June 2022 - July 2022

CIC PCUBED - California State University, Fullerton

Fullerton, CA

- Conducted research in data science and artificial intelligence as a student with a research community
- Created a program with the Spotify API that analyzed the top 150 music tracks on Spotify

TECHNICAL SKILLS

- **Programming Skills:** Python, C/C++, Go, PHP, Java/Kotlin, HTML/CSS/JS
- **Front-End Technologies:** ReactJS, Next.js, Svelte
- **Back-End Technologies:** MariaDB, MySQL, SQLite3, FastAPI, Redis, RabbitMQ, Amazon DynamoDB
- **Development Environments:** Visual Studio/Code, Neovim/Vim, Android Studio, Godot, Docker
- **Miscellaneous:** Pandas, Matplotlib, Plotly, Sci-kit Learn, openAI API, NLP, Jetpack Compose, Git, GitHub

ORGANIZATIONS

Secretary

Association of Computing Machinery (ACM) at California State University, Fullerton

January 2022 - Present

- Maintain routine communication and pass along important information to the executive board and team leaders
- Outreach to companies for collaboration in events and sponsorships
- Booking rooms and event venues to host club events