Kayla Kurt

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EDUCATION

University of California, Los Angeles — Los Angeles, California
Bachelor of Arts in Linguistics and Computer Science — *Expected Graduation: Fall 2027*

- **Relevant Coursework:** Software Construction, Fundamentals of AI, Human-Computer Interaction

El Camino College — Torrance, California
Computer Science Certificate of Achievement — *June 2025*

- **Relevant Coursework:** Data Structures, Object-Oriented Programming, Advanced Programming in C++
- **Honors:** Dean's List, Honors Transfer Program (HTP)

SKILLS

Languages: Python, JavaScript, TypeScript, Java, C++, HTML/CSS, Haskell
Frameworks: React, Node.js, Express.js
Databases & Tools: MongoDB(Mongoose), Git, GitHub, REST APIs, OAuth

PROJECTS

Datafy | *React, TypeScript, Node.js, Express.js, MongoDB* — Feb - Mar 2026

- Developed a full-stack music analytics web application that enables users to create listening logs and track their music activity.
- Integrated the Spotify Web API using OAuth authentication to retrieve and process song and artist data, collaborating in a four-person team using Git/GitHub.
- Built interactive React and TypeScript components for creating and editing listening logs, with real-time UI updates and backend integration.
- Implemented backend functionality using Node.js, Express.js, and MongoDB (Mongoose) to store and retrieve user listening data.

Game Project | *C++* — May - Jun 2025

- Developed gameplay functionality for a 2D game involving player navigation, enemy interactions, and game-state management within an existing C++ framework.
- Collaborated with another developer to implement object-oriented game components, including player, enemy, and interactive object behaviors.
- Implemented collision detection and pathfinding-based enemy behavior using data structures and algorithmic techniques.

Checking Account Manager | *Java* — Jul - Aug 2024

- Developed a Java application for managing bank accounts, deposits, checks, service charges, and transaction histories.
- Applied object-oriented programming principles and file-based persistence to organize, store, and maintain account data.

LEADERSHIP

Society of Women Engineers (SWE) — Aug 2023 - Jun 2025
President — *Torrance, California*

- Led club operations, coordinated meetings, and managed member engagement as President of the campus SWE organization.
- Organized professional-development and networking events supporting women in engineering from diverse educational and career backgrounds.
- Mentored and onboarded new members while representing SWE at campus and external events.

EXPERIENCE

UCLA Transfer Student Center (TSC) — Sep 2025 - Jun 2026
Front Desk Staff & Mentorship Program Coordinator — *Los Angeles, California*

- Supported transfer students by providing academic and campus resources while coordinating workshops, student events, and mentorship programming, including mentor recruitment and onboarding.