

Jonathan Aaron Chen

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Summary

Computer Science professional looking to use their strengths in front-end development, responsive design, and UI/UX. Skilled in JavaScript, React, Figma, C++, Python and SQL with leadership experience co-founding school organizations, managing events, and delivering user-focused solutions.

SKILLS & EDUCATION

California State University East Bay, Hayward, CA

Aug 2020 – May 2024

Bachelor of Science in Computer Science — *Fluent English & Cantonese*

Web Development, Software Engineering, Data Structures, Algorithms, Operating Systems

Front-End: HTML, CSS, JavaScript, React, Responsive Design, Accessibility (WCAG), UI/UX Design

Tools: Figma, Adobe XD, Prototyping, Wireframing, Usability Testing

Platforms: Github, Jira, VS Code, Android Studio, My SQL, Linux, Node.js, Firebase

Languages: Java, Python, C++, SQL

Certifications: Scrum Master, Scrum Alliance (June 2025)

PROJECT EXPERIENCE

Personal Portfolio Website — HTML · CSS · JavaScript

Jan 2024 – Ongoing

- Designed and deployed a mobile-first portfolio site showcasing projects and résumé.
- Created clean, accessible layouts with visual hierarchy for improved readability.
- Implemented dark-mode toggle, contact form with email integration, and interactive skill badges.

Tournament Organizer — Software Development

Feb 2024 – May 2024

- Led a 3-person team to design responsive interfaces for live tournament brackets.
- Developed user flows for registration and admin dashboards, reducing onboarding friction.
- Integrated Firebase to update match results in real time, ensuring consistent cross-device experience.

Sentiment Classifier — C++ · NLP

Sept 2023 – Dec 2023

- Built a C++ sentiment classifier that processed labeled tweets end-to-end in under 10 seconds, reaching 75% accuracy on the tested dataset.
- Created text-cleaning modules using tokenization, stemming, stop-word removal, and punctuation stripping, reducing token sparsity by 42%.

PROFESSIONAL EXPERIENCE

Consumnes CSD Parks & Recreation — Facilities

May 2021 – Ongoing

- Led a team of 3, coordinating 20+ weekly events from requirements gathering through execution, managing the full event lifecycle to ensure smooth operations and positive attendee experiences.
- Directed a 10-person team for a large-scale event, coordinating food, activities, and layout to deliver an engaging, user-centered experience, resulting in a 70,000 person total turnout across two days.

CSU East Bay Esports Club — Event Coordinator · Fundraising Chair

Jan 2023 – May 2025

- Co-founded the organization, organizing 8 events resulting in expanding reach beyond the membership base.
- Secured \$500 in sponsorships, covering prizes and enhancing club engagement.

PROFESSIONAL DEVELOPMENT

CSUEB Valorant — CSUEB In-Game Leader

Aug 2022 – Dec 2024

COMMUNITY INVOLVEMENT

CSU East Bay Computer Science Club — Member

Nov 2022 – Dec 2024

Institute of Electrical and Electronics Engineers (IEEE) — Member

Sept 2023 – Dec 2024