Bao Chang

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EDUCATION

University of California, Irvine   Irvine, CA
Bachelor of Science in Informatics   June 2023 - June 2025
Specialization in Human-Computer Interaction (HCI)
GPA: 3.85

SKILLS

Programming: Javascript, HTML, CSS, React, Typescript, Angular, Ionic, SQL
Tools: Visual Studio Code, Figma, Procreate, Canva, Asana, Trello, MUI library, GitHub, Slack
Design Skills: User Research, User Interface Design, Sketching, Wireframing, Mockups, Prototyping, Digital Art

PROJECTS

BJJ Rolltrack - Frontend Developer | React.js, MUI Library, FullCalendar, HTML, CSS, Docker   2025 - Present
- Worked with 5 teammates and a real-world client to design and build a responsive gym management platform with emphasis on usability, visual clarity, and modern UI patterns
- Transformed high-fidelity Figma mockups into a dynamic, accessible user interface using React components, hooks (useState/useEffect) and MUI library

Sonar Mental Health Improved Onboarding | User Research, User Interface Design, Figma, Figjam, Analysis   2025
- Partnered with a startup, Sonar, to redesign their onboarding flow with a focus on building user trust, enhanced personalization, and intuitive navigation.
- Conducted iterative user research through 2 rounds of interviews, competitive analysis, personas, and user stories, and regular meetings with Sonar to identify pain points and address them effectively
- Designed 3 prototypes and iteratively refined them based on feedback with the final prototype receiving 100% approval from interviewees

Runkeeper Tweet Report | Javascript, Typescript, Vega-Lite   2025
- Developed a web application using Javascript and Typescript to search for categorize, summarize, and analyze 9,000 runkeeper tweets
- Utilized Vega-Lite to create data visualizations (bar chart, scatterplot) displaying daily patterns across the top 3 most common activity types

ACTIVITIES AND LEADERSHIP

Marketing Committee, Women in Information & Computer Sciences UC Irvine   2024 - Present
- Utilized Asana to efficiently manage tasks related to social media, design insights, and on-campus promotions
- Managed and analyzed social media engagement across 3 platforms: Discord, Instagram, and TikTok
- Designed visually engaging weekly newsletters, increasing open rate and member engagement by 20%.

HSO Intern, Hmong Student Association UC Irvine   2025
- Organized and brainstormed workshops to encourage Hmong youth to pursue higher education
- Led interactive workshops on college experiences, academic insights, and the Hmong identity with meaningful discussions, engaging activities, and presentations

Activities Director, Edison High School Hmong Club   2019 - 2020
- Organized semesterly banquets, social events, performer recruitment, staff communication, and scheduling
- Developed and led activities for weekly club meetings to encourage member participation and community
- Coordinated fundraisers, one of which generated $1000

WORK EXPERIENCE

Peer Mentor, Edison High School   2019 - 2020
- Identified and addressed mentees' academic and emotional needs, encouraged academic growth, and promoted community. Brainstormed learning strategies, bonding/learning activities, and academic advice