

Ian O'Connell

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braxai.github.io | linkedin.com/in/iroconnell | github.com/Braxai

Profile Statement

Computer Science and Engineering student with strong foundations in programming, mobile and web development. Experience managing and collaborating on dynamic team projects and leading initiatives that merged technical skills with creative problem-solving.

Education

University of California Davis

Bachelor of Science, Computer Science and Engineering

Relevant coursework

- Object-Oriented Programming, Data Structures, Algorithms, Artificial Intelligence
- Software Engineering, Operating Systems, Programming Languages and Tools

Skills

- Technical Skills: Flutter, Spring, DynamoDB, Python, C++, HTML, CSS, JavaScript, Git
- Soft Skills: communication, conflict resolution, project coordination, team leadership and management, adaptability, time management, presentation

Experience

CycleGuard Mobile App	January 2025 - June 2025
<ul style="list-style-type: none">• Project breakdown : braxai.github.io/cycleguard• Developed front end solutions for CycleGuard, a biking fitness mobile app designed to help users enjoy consistent progress• Streamlined project progress through version control and agile practices• Engineered core app features—home, store, achievements, trip history, social, themes, onboarding, team challenges, settings, and navigation—focus on UI/UX• Analyzed what features enhance or hurt product value from the user, developer, and brand perspectives to find a successful balance of these three entities.	
Recent Software/Hardware Projects	2025
<ul style="list-style-type: none">• Mind Invaders : embedded system integration, com protocols, state management• Portfolio Website : fundamental web development, deployment on Github	
UC Davis League of Legends Program Manager	June 2022 - June 2024
<ul style="list-style-type: none">• Grew program 250% from ten to twenty five members by developing and implementing professional organization structures for recruitment, scheduling, and management• Fostered a collaborative team environment through mediating internal conflicts and coordinating schedules with university partners	
FreeCodeCamp Web Development and Design Certification Courses	2024
<ul style="list-style-type: none">• Studied effective web development techniques through course material and practical projects using HTML, CSS, and JavaScript	