Ian O'Connell

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Profile Statement

Enthusiastic computer science and engineering student with fundamental programming knowledge in C++, mobile development, web development, and an effective skill set for team environments. Experience in team management during my education. Passionate about computer science and working in team environments.

Education

Computer Science and Engineering, Bachelor of Science
University of California Davis
Expected Graduation: June 2025

Relevant coursework

- Object-Oriented Programming, Data Structures, Algorithms
- Computer Networks, Computer Architecture, Circuits, Embedded Systems
- Software Engineering, Operating Systems, Artificial Intelligence, Computer Security
- Programming Languages, Programming Tools, Machine Dependent Programming

Skills

- Technical Skills: fundamental C++, Flutter, HTML, CSS, JavaScript, and Git.
- Communication: speaking effectively, listening attentively, expressing ideas
- Organization: planning events, managing teams, coordinating schedules
- Leadership: decision making with others, handling conflict, administering policies

Experience

- UC Davis League of Legends Program Manager (June 2022 - June 2024)
  - Managed twenty five people divided into three teams
  - Coordinated schedules of our teams and representatives of other universities
  - Resolved internal conflicts and competitive issues among team members
  - Made informed decisions with the goal of cultivating positive long term growth
- FreeCodeCamp Web Development and Design Certification Courses (2024)
  - Studied effective web development techniques through course material and practical small scale individual projects
  - Completed fundamental web dev exercises using HTML, CSS, and JavaScript
- Recent Software/Hardware Projects (2025)
  - CycleGuard : mobile application for tracking biking fitness progress, bluetooth connection between mobile and a smart helmet, version control and flutter. Full stack with primary responsibilities on front end software development
  - Mind Invaders : embedded system game with an emphasis on communication protocols, hardware/software connections, and state management
  - Portfolio Website : fundamental web development, free deployment on Github