Aidan Do

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EDUCATION

University of California, Irvine | Irvine, California   **Expected Graduation Date: June 2028**
B.S. in Computer Science | GPA: 3.95/4.0

- **Relevant Coursework:** Data Structure Implementation and Analysis, Intermediate Programming with Python, Introductory Computer Organization, Programming in C/C++ as a Second Language, Introduction to Software Engineering, Discrete Mathematics for Computer Science, Introduction to Linear Algebra
- **Honors:** Dean's Honor List

PROJECTS

AI Health Insurance Claims Agent | *AI Dojo & Optum Tech University*   **Sep. 2025**

- Built Agentic AI claims approval system using LangGraph with engineered prompts, achieving over 80% precision
- Designed multi-stage prompt architecture with few-shot learning to automate checks against medical standards
- Secured system with OAuth 2.0 UnitedHealth API authentication and deployed on Azure OpenAI in Databricks
- Generated compliance-traceable justifications for each decision through policy-aligned validation logic

Leave A Space | *Personal Project*   **Dec. 2025**

- Developed a full-stack web application that generates event-based timestamps for Formula 1 race replays
- Built a React frontend on Firebase with Cloud Functions, integrating OpenF1 REST API for race data
- Added filtering by years, locations, event types, and drivers for precise race replay navigations for over 70 races

EXPERIENCE

LA Metro | Los Angeles, CA   **June - Aug. 2023**
TCAP Project Coordinator Intern

- Conducted research and integrated findings into upgrading the design of an existing station to increase ridership
- Maintained project documentation and logistics while facilitating consistent communication with LA Metro mentors

Tennis Anyone | Chino Hills, CA   **May - Oct. 2022**
Head Coach

- Coordinated group lessons for hundreds of clients across a wide range of ages and skill levels
- Collaborated with other coaches to develop lesson plans to improve techniques and strategies
- Achieved 70%+ client continuation and positive feedback reviews by tailoring lesson plans and tracking progress

SKILLS

- **Languages (ordered by proficiency):** Python, C++, MIPS Assembly, Java, JavaScript, HTML/CSS
- **Tools and Frameworks:** Node, React, Git
- **Other:** Microsoft Office Suite

LEADERSHIP EXPERIENCE

Boy Scouts of America | Walnut, CA   **Jan. 2016 - June 2024**
Eagle Scout

- Earned the Eagle Scout rank through leadership, community service, and completion of a significant service project