

Aidan Van Duyne

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Education

University of California, Los Angeles

Expected June 2027

B.S. Computer Science and Engineering

Relevant Coursework:

Introduction to Computer Science I

Linear Algebra and Applications

Freshman Computer Science Seminar

Lake Highland Preparatory School, Orlando FL

May 2023

Graduated Summa Cum Laude GPA 4.66

Technical Skills

React	Flutter	Dart	Apps Script	C#	Unity	Java	Kotlin
OpenCV	Soldering	CAD	3D Printing	Rust	Linux	C++	Arduino

Work Experience

The DiSTI Corporation

June 2023 - September 2023

Software Engineering Intern

Gained experience in: Agile Development, Teamwork, Unity, C#, and Source Control

Engineering Projects

Flutter Scouting App → Created a Flutter app that recorded ~1000 FRC robot performances. This app uploaded data to a Google Sheet using the Apps Script API. This app helped predict the alliance selection process which provided our team a competitive edge.

Programming/Team Lead on FTC Robotics Team → Advanced to the Florida state championship 4 years in a row through leading a team of 15 members, meeting deadlines, teaching members, and programming an autonomous routine that ranked #1 globally.

Programming Team Member of FRC Robotics Team → 1st place at the Orlando Regional competition through reliable autonomous programming and skilled driving. I created a reliable autonomous and driver control by implementing a hierarchical state machine.

GNOME Open Source Contribution → I use the GNOME desktop environment and contribute to its open source development through projects such as Getting Things GNOME (GTG).

Current Activities

Bruin Racing Club, *Member*

Joined October 2023

The Association for Computing Machinery (ACM) Hack, *Member*

Joined October 2023

ACM International Collegiate Programming Competition (ICPC), *Member*

Joined October 2023