

Rizwaan Bana

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Driven computer science student eager to expand my skillset through hands-on experience
& passionate about building real-world solutions with broad potential for impact.

EDUCATION

University of California, Los Angeles
Bachelor of Science in Computer Science

Sep 2025 – Present
Los Angeles, CA

El Dorado High School
Valedictorian (Rank 1 of 444) - 4.92 GPA

Aug 2021 – Jun 2025
Placentia, CA

EXPERIENCE

Code Coach
theCoderSchool

Apr 2025 – Sep 2025
Yorba Linda, CA

- Taught students from the ages of 6 to 13 how to code in Python & Lua
- Lead multiple 3D game development summer camps where students created Roblox games
- Fostered an increased understanding of problem-solving through code challenges

Team Captain
Science Olympiad • El Dorado High School

Aug 2024 – Jun 2025
Placentia, CA

- Led a team of 30+ students in invitational and regional competitions
- Coordinated team meetings and study events across 23 events for our competitors
- Mentored new & returning members, leading to record-high rankings & #1 team in the district

PROJECTS

Tic-Tac-Toe Algorithm | *Java, Git*

Spring 2025

- Implemented a modified Minimax algorithm in Java that can beat a player at Tic-Tac-Toe
- Built a clean, modular architecture with separate classes for game logic and board state

SAT Tracker | *TypeScript, Next.js, React, Tailwind, Git, Vercel*

Fall 2024

- Developed a web application using Next.js with Tailwind for frontend styles
- Utilized APIs from the College Board to inform high school students when SAT slots opened up
- Implemented browser alerts to notify students in a timely manner

Sterling Discord Bot | *TypeScript, discord.js, DynamoDB, CI/CD, Git*

Fall 2022 – Spring 2024

- Programmed a general-purpose Discord bot with 12 global commands and several menus & buttons
- Added basic currency, server administration, & premium access systems to enhance user experience
- Constructed a CI/CD pipeline using GitHub Actions to deploy on both AWS Lightsail & Render

rblox | *TypeScript, REST APIs, Git*

Spring 2022

- Created a library that made existing Roblox Open Cloud APIs accessible to TypeScript developers
- Implemented object-oriented programming principles to design clean, resource-based classes

CERTIFICATIONS

TypeScript

- Certified at the W3Schools Professional level

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Swift, Python, Java, Lua, HTML, CSS

Frameworks: Node.js, Next.js, discord.js, React, SwiftUI

Technologies: REST APIs, CI/CD, JSON

Developer Tools: Git, GitHub, AWS (DynamoDB, Lightsail), Vercel, VS Code, Xcode, Adobe XD

Libraries: Tailwind, shadcn/ui, Axios