

# Aaryan Dehade

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## Education

Texas Christian University (TCU)

Bachelor of Science in Computer Science (Math Minor)

GPA: 3.821

Fort Worth, TX

May 2025

## Experience

Interim Engineering Intern, *Qualcomm*, San Diego, CA

May 2023 – August 2023

- Collaborated on 3 frontend development projects and created reusable components.
- Implemented innovative frontend solutions to enhance development experience across multiple teams.

Resident Assistant, *TCU*, Fort Worth, TX

August 2023 – Present

- Supervise 30 residents and ensure compliance with university guidelines.

Teaching Assistant, *TCU*, Fort Worth, TX

August 2022 – Present

- Mentor 80+ students from 3+ classes, aiding with projects and explaining complex concepts.

Desk Assistant, *TCU*, Fort Worth, TX

August 2022 – May 2023

- Emphasized effective communication and fostered a welcoming environment for 300+ residents.

Grader, *TCU*, Fort Worth, TX

August 2022 – December 2022

- Analyzed and provided feedback on homework assignments for 20+ students.

Intramural Sports Officiator, *TCU*, Fort Worth, TX

August 2021 – March 2022

- Coordinated Intramural games for 3 different sports and handled conflicts.

## Other Projects

Python Packages

August 2021 – November 2022

- Developed and published data analysis, game development and chatbot libraries on pypi.org
- Libraries have an average monthly download count exceeding 1000.

iOS Application

November 2021 – December 2021

- Led a 3-member team to develop an award-winning iOS application for university class selection.
- Utilized Scrum, an agile project management framework to complete project in 17 days.

## Relevant Coursework

- Data Structures, Algorithms, Computer Systems, Computer Organization, Programming Language Concepts, Computer Networks, Unix/Linux System Administration, Database Systems
- Discrete Mathematics 1 & 2, Calculus 1 & 2, Statistics, Linear Algebra

## Skills

- **Languages:** Python, java, C, C#, SQL, HTML, CSS, JavaScript, TypeScript, Swift, LaTeX
- **Frameworks:** React, Next.js, Webpack, Tailwind CSS, Django, Flask, Selenium, Pandas, TensorFlow
- **Other:** Microsoft Office, VMware Fusion, Git, Docker, Unity, Xcode, Wireshark, Logisim Evolution

## Honors and Leadership

- Nominated by faculty to represent the university on Math Podcast (2023)
- TCU Scholar Award (2022)
- Dean's Honor List (2022)
- Navrachana Scholar Award (2019)
- Captain and Selector for intraschool Cricket Team
- Leader of Interschool programming team
- Mentor for iOS coding Club