

# Aaryan Dehade

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## EDUCATION

Texas Christian University (TCU)

Fort Worth, TX

Bachelor of Science

May 2025

Majors: Computer Science and Mathematics

GPA: 3.829

Relevant Coursework: Algorithms, Computer Systems and Organization, Programming Language Concepts, Computer Networks, Database Systems, Calculus 1 & 2, Linear Algebra, Statistics.

## SKILLS

- **Programming Languages:** Python, Java, C, SQL, JavaScript, TypeScript, Swift
- **Frameworks:** React, Webpack, Tailwind, Django, Selenium, Pandas
- **Other:** Git, Docker, Xcode, Unity, VMware Fusion
- **Languages:** English, Hindi, Marathi, Gujarati, French (Basic)

## EXPERIENCE

Qualcomm

May 2023 – August 2023

Interim Engineering Intern

San Diego, CA

- Led 3 frontend development projects, implementing reusable components.
- Spearheaded a streamlined update process for improved efficiency.
- Enhanced internal tools, fostering a more interconnected development environment.

Texas Christian University Housing and Residence Life

August 2023 - Present

Resident Assistant

Fort Worth, TX

- Coordinate and manage various resident activities for over 200 students.
- Mentor 30 residents, cultivating a positive and inclusive living environment.

Texas Christian University College of Science and Engineering

August 2022 - Present

Teaching Assistant

Fort Worth, TX

- Mentor more than 80 students, delivering tailored support and clarifying complex concepts.
- Guide students from over 3 classes, aiding projects and ensuring comprehension of topics.

## PROJECTS

Python Packages

August 2021 – November 2022

- Developed and published 4 python libraries on pypi.org including discord-bot-maker.
- Simplified Discord bot creation for users through an intuitive and swift process.
- Received multiple stars on Github and over 1000 downloads per month (BigQuery).

iOS Application

November 2021 – December 2021

- Led a 3-member team to create an award-winning university class selection app.
- Implemented Scrum for agile project management, completing the project in just 17 days.

## HONORS AND LEADERSHIP

- Represented the university on a Math Podcast (2023) following faculty nomination.
- Achieved the TCU Scholar Award (2022) and earned Dean's Honor List (2022, 2023) inclusion.
- Mentored an iOS Course, contributing to the development of fellow students (2021 – 2022).
- Secured the Navrachana Scholar Award (2019).
- Served as Captain and Selector for the intraschool Cricket Team (2018 – 2019).