

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: 3.830

Relevant Coursework: Deep Learning, Software Engineering, Parallel Programming, Calculus 3, Graph Theory

EXPERIENCE

Community Manager, TCU, Fort Worth, TX

August 2024 - Present

- Enhance resident engagement and belonging while leading a team of 6 Community Assistants.
- Design and implement communication strategies and manage facility operations.

Interim Engineering Intern, Qualcomm, San Diego, CA

May 2024 – August 2024

- Executed the full stack process to extend a web application with 4 new features using JS and Python.
- Introduced new functionality and optimized performance by at least 100%.
- Captained a team of 5 interns in developing an AI-powered application to enhance meeting productivity.

Teaching Assistant, TCU, Fort Worth, TX

August 2022 – May 2024

- Mentored 80+ students in, delivering support and clarifying complex concepts.
- Guided students from 5+ computer science classes, aiding projects and ensuring comprehension of topics.

Interim Engineering Intern, Qualcomm, San Diego, CA

May 2023 – August 2023

- Spearheaded 3 frontend development projects, implementing reusable components using TS and C#.
- Established a streamlined development process to enhance efficiency by 25%.

Intramural Sports Officiator, TCU, Fort Worth, TX

August 2021 – March 2022

- Officiated five different sports, demonstrating ability to manage fast-paced, high-pressure environments.
- Made fair, precise decisions quickly to resolve issues and ensure smooth gameplay.

PROJECTS

www.github.com/dehadeaaryan/

Full Stack Web Application (Vue.js, Java)

April 2024 – May 2024

- Managed a team of 5 students to build a full stack booking app for the university mascot.
- Streamlined scheduling process by replacing manual email requests with an efficient application.

DropThatClass.com (Typescript, React, Node.js)

March 2024 – April 2024

- Engineered a comprehensive web application for students to facilitate real-time class reviews.
- Enhanced review frequency by transforming the review process into a social activity.

Python Packages (Python)

August 2021 – November 2022

- Developed and published 4 python libraries on pypi.org.
- Received over 1000 downloads per month according to BigQuery.

iOS Application (Swift)

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 inclusion (2022 - 2024).
- Mentored an iOS Course, contributing to the development of fellow students (2021 – 2022).

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, SQL, Python, Java, C, C++
- **Frameworks:** React, Vue, Webpack, Tailwind, Django, Selenium, NumPy
- **Other:** Git, Docker, Xcode, Unity, Linux, Unix