

Aaryan Dehade

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Looking to apply programming knowledge and problem-solving skills to solve challenges and achieve business goals in a Software Engineering Internship

Education

Texas Christian University (TCU), Fort Worth, TX – BS Computer Science, Mathematics Minor (expected - 2025)

- **GPA: 3.8/4.0**

Navrachana Higher Secondary School, Vadodara, Gujarat, India (2021)

Coursework

- Data Structures, Object Oriented Programming, Discrete Mathematics, Calculus 1 & 2, Statistics
- Microsoft Office, Linux/Unix, VMware Fusion

Work Experience

August 2022 - Present	<i>Teaching Assistant (Introduction to Programming, Java)</i> - Guide students from 3 sections on programming projects and doubts about Java Programming Language
August 2022 - Present	<i>Grader</i> - Grade Calculus 1 homework for 20+ Students
August 2022 - Present	<i>Desk Assistant</i> - Customer Service and Office Operations
August 2021 - March 2022	<i>Intramural Sports Officiator</i> - Control Intramural Games for 3 sports

Projects

- Python Libraries with 1000+ downloads every month published on Pypi.org
- IOS application to anonymously share about classes with peers written in Swift using Scrum (Agile) methodology implements online databases – Best Application in class Award (Codepath.org)
- Personal Portfolio Website with API created using React, Next.js, HTML and CSS
- Python GUI application to play music online implementing MySQL used by 15+ people
- 2 Discord bots made with Python and JavaScript deployed locally and on Heroku, online on 4 Discord servers
- Multiplayer Game to improve typing speed coded in Python
- Java 29 Command Line Text Editor implements Doubly Linked List and includes 4 Java Classes
- Java Battleship Game for 2 Players
- Puzzle Solutions in Java - Recursive Maze Solver, Recursive Sudoku Solver, Playfair's Cypher
- Simple Platform and 3D Games developed with Godot or Unity engines using GDScript or C#

Skills

- **Languages:** Python, java, C#, SQL, HTML, CSS, JavaScript, Swift
- **Frameworks:** React, Next.js, Bootstrap, Django, Flask, Selenium, Pandas, TensorFlow
- **Other:** Git, Docker, Redis, Godot, Unity, Xcode

Awards and Leadership

- TCU Scholar Award (2022)
- Mentioned in Dean's Honor List (2022)
- Navrachana Scholar Award (2019)
- Captain and Selector for School Internal Cricket Team
- Leader of team, Inter-School coding Competition
- Mentor for IOS Course