

Inshaad Merchant

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EDUCATION

The University of Texas at Arlington

Honors Bachelor of Science in Computer Science (GPA = 3.89)

Arlington, TX

Aug. 2021 – May 2025

The Lyceum College

High School Diploma in Computer Science

Karachi, PAK

Aug. 2018 – May 2020

EXPERIENCE

Live-on Peer Academic Leader

University of Texas at Arlington

Aug. 2022 – May. 2023

Arlington, TX

- Working with other peer academic leaders to help freshmen students settle into campus and excel academically.
- Helping students with all academic and social problems.

Peer Led Team Learning (PLTL) Leader

University of Texas at Arlington

Aug. 2022 – May. 2023

Arlington, TX

- Helping freshmen students in MATH 1426 course, which is the hardest course for all freshmen.
- Working with other leaders to provide freshmen helpful strategies and review questions to help them ace this course.

Honors Programming Board Member

University of Texas at Arlington

Aug. 2023 – Dec. 2023

Arlington, TX

- Making use of Leadership, Time management, and Teamwork skills to organize events for Honors College.
- Working with other programming board members to make Honors students socialize with each other.

PROJECTS

CCN (Collegiate Center for Networking) / Java, XML, Android Studio, Firebase

Jan 2023 – May 2023

- Developed a mobile application using Java and HTML in sophomore year as part of the term project.
- Some features of this application included Registration, Login, Creating Post, Search box, Filter box.
- Implemented GPS to aid navigation and add location to posts.
- Used Firebase, Realtime Database, and Microsoft Azure AD for logging into account.

Shell / C, Git

Jan 2023 – Feb 2023

- Developed a C program in second year of college that implements all the functionality of a shell program.
- Some features of this program are quit, exit, copy, changing directories, and checking history log.

Malloc / C, Git

Feb 2023 – Mar 2023

- Developed a C program in second year of college that performs the functionalities of allocating memory space.
- Some features of this program are calloc, realloc, best fit, worst fit, first fit, and next fit.

Filesystem / C, Git

Mar 2023 – Apr 2023

- Developed a C program in second year of college that performs all the file operations on different types of files.
- Some features of this program are edit, delete, undelete, encrypt, decrypt, set attributes, and retrieve data.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Visual Basic, Pascal/Delphi, JavaScript, HTML

Frameworks: React, Node.js, Flask, React Native, Android Studio

Platforms: Git, Linux, Docker, NetBeans, VS Code, Visual Studio, PyCharm, Eclipse, MATLAB

Libraries: Pandas, NumPy