

Inshaad Merchant

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EDUCATION

University of Texas at Arlington

Bachelor of Science in Computer Science (GPA: 3.89)

Arlington, TX

Aug. 2021 – May 2025

The Lyceum School

High School Diploma in Computer Science (GPA: 3.77)

Karachi, PAK

Aug. 2018 – May 2020

EXPERIENCE

Live-on Peer Academic Leader

University of Texas at Arlington

Aug 2022 – Present

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 handful of strategies and review questions to help them ace this course.

UTA Computer Assistant

University of Texas at Arlington

Aug. 2023 – Present

Arlington, TX

- Help oversee 15 labs around campus and troubleshoot technical problems to ensure all systems run efficiently.
- Specialized in areas of software testing and maintenance, resupplying printers, and checking for viruses.

Pakistan Student Association (PSA) Webmaster

University of Texas at Arlington

Aug. 2023 – Present

Arlington, TX

- Working to develop and maintain their website to accurately represent the Pakistani culture at UTA.
- Making use of HTML, JavaScript, and CSS to develop webpages.

PROJECTS

Collegiate Center for Networking (CCN) | *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.

MLHConnect | *Express.js, Node.js, MongoDB, React, Redux, multer, bcrypt*

September 2023

- A web application developed for all participants of hackathons to foster team building, network with other teams and professionals during and after the hackathon and stay connected with upcoming MLH events.
- Some features of the application are creating posts, adding friends, and profile maintenance.
- Used MongoDB as a real-time database to store user-related data and login information in the backend.

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, CSS

Frameworks: React, Node.js, React Native, Firebase, Microsoft Azure AD

Developer Tools: Git, Linux, NetBeans, VS Code, Visual Studio, Android Studio, PyCharm, Eclipse, MATLAB

Libraries: pandas, NumPy