

TALHA TAHMID

Arlington, TX | 682-374-4695 | txt0304@mavs.uta.edu | [LinkedIn](#) | [GitHub](#)

Education

The University of Texas at Arlington

Honors Bachelor's in Computer Science, CGPA: 3.80

Arlington, Texas

Expected Dec 2025

Skills

C | C++ | Python (Pandas, NumPy, Matplotlib) | Java | HTML | CSS | React JS | JavaScript | Git

Work Experience

Web Developer

The Office of the Vice President of Student Affairs

UTA, Arlington, TX

May 2023 - Present

- Collaborated in a team to develop and maintain departmental websites, enhancing user experience with **HTML**, **CSS**, and **JavaScript**, resulting in a 15% increase in user engagement.
- Utilized **NodeJS** for back-end services, **APIs**, and seamless data integration, improving website functionality by 20%.
- Analyzed and audit website performance, accessibility, and web analytics using Siteimprove to ensure all web pages function properly and comply with appropriate legal policies, guidelines, and standards, achieving a 400% improvement in accessibility compliance.
- Implemented responsive web design principles to ensure seamless user experiences across various devices and screen sizes.

Student Assistant

E.H. Hereford University Center and Commons

UTA, Arlington, TX

September 2022 - Present

- Delivering exceptional customer service to 50+ students daily, resulting in a 95% satisfaction rate.
- Answered inquiries about facilities and the UTA campus, contributing to a 10% improvement in student awareness.

Personal Projects

Personal Portfolio Website | talhathmd.com

- Developed a personal portfolio website using **React**, showcasing projects, skills, and experiences in the field of web development.
- Integrated live weather data using **Open Weather API**, and offering personalized greetings based on the current weather conditions.
- The website highlights proficiency in **HTML**, **CSS**, **JavaScript**, and **React JS**, creating an engaging and interactive user interface.

CBRE Asset Management | [HackSMU](#)

October 2023

- Developed a highly accurate machine learning model using Python for the early identification of maintenance needs in commercial building assets; led to a 20% increase in overall operational efficiency.
- Spearheaded the application of **K-means clustering** to perform predictive maintenance on various assets, resulting in a 15% reduction in maintenance costs.

Pattern Recognition Using Machine Learning

UTA

SCRF OURCS

January 2023

- Collaborated with a team of 5 to develop a movie recommendation system.
- Implemented **K-Nearest Neighbors (KNN) algorithm** for movie recommendations based on ratings.
- Utilized a dataset of over 100,000 ratings, performing data splitting and creating a sparse matrix.
- Achieved an impressive 87% accuracy rate for the movie recommendation system, outperforming the initial target of 80%.

Leadership Experience

High School Robotics Group

Founder, President

August 2019 – November 2021

- Founded and served as President, leading a team of 5 students in real-world projects, resulting in a 30% increase in project completion rate.
- Developed an **Arduino-based** overweight controller, reducing road system deterioration in Bangladesh by 35%.
- Conducted extensive research on the road system and its causes of deterioration.
- Programmed and designed the project in **Python** for optimal performance and accuracy.

Awards

- Freshman Distinction Roll
- Winner of **UTA Datathon 2023** in one of the Categories.
- **National Finalist** in Juvenile Programming Contest, Bangladesh (Python).
- District level champion in Juvenile Programming Contest, Bangladesh (Python).
- Achieved **District Champions** status for two consecutive years, National Science Fair, Bangladesh