

TALHA TAHMID

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Education

The University of Texas at Arlington

Honors Bachelor's in Computer Science, CGPA: 3.74

Arlington, Texas

Expected May 2026

Skills

Programming Languages: C, C++, Python (Pandas, NumPy, Matplotlib), Java, JavaScript

Web Development: HTML, CSS, React JS, React Native, Next JS, Node JS, TypeScript, MongoDB

Tools & Technologies: Git, Google Analytics

Concepts: Data Structures & Algorithms, Machine Learning, Web Performance Optimization, UI/UX Design, API Integration

Work Experience

React Native App Developer

Remote

Qweek.ai | qweek.ai

January 2024 - Present

- Developed Android and iOS share extensions, a key feature enabling direct image sharing to the app, significantly enhancing user engagement.
- Refined UI and authentication processes, leading to a more intuitive user experience and reinforced app security.
- Led API integration, improving data processing **efficiency by 35%**.

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.
- 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.

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](https://hacksmu.com)

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.

Karuka Computer

- Built a responsive e-commerce site for a computer shop using **Next.js**, enhancing user experience.
- Developed features for product management and real-time inventory tracking.
- Utilized TypeScript for robust code quality and maintainability.

Pattern Recognition Using Machine Learning

UTA

SCRF OURCS

January 2023

- 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 by 35%**.
- Programmed and designed the project in **Python** for optimal performance and accuracy.

Awards

- Winner, **UTA Datathon 2023** (Category: Data Annotation)
- National Finalist** in Juvenile Programming Contest, Bangladesh (Python).
- District Champion, National Science Fair, Bangladesh (Consecutive Years)