# TALHA TAHMID

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

## Education

**The University of Texas at Arlington**                                                           **Arlington, Texas**
Honors Bachelor's in Computer Science (GPA 4.0)
Awards: Freshman Distinction Roll

## Work Experience and Personal Projects

**Student Assistant**                                                                                    **UTA, Arlington, TX**
*E.H. Hereford University Center and Commons*                                          *September 2022 - Present*
- Providing customer service in person and over the phone
- Assisting students with information and answering their questions
- Utilizing websites and other resources to accurately answer questions regarding our facilities and the UTA campus

**Pattern Recognition Using Machine Learning**                                          **UTA, Arlington, TX**
*SCRF OURCS*                                                                                                    *January 2023*
- Worked on a movie recommendation system with a team of 5
- Used KNN (K-Nearest Neighbors) to recommend movies based on ratings
- Used a big dataset of over 100,000 ratings, split the dataset into training and testing sets, created a sparse matrix with users as rows, movies as columns, entries as ratings for our use
- Created an algorithm with 87% accuracy

**Teaching Assistant**                                                                    **Chapainawabganj, Bangladesh**
                                                                                                       *April 2020 – August 2021*
- Assisted my physics teacher with conducting online classes, creating test questions, and grading answer sheets
- Virtually assisted student with physics problem-solving and technical expertise

**Competitive Programming**                                                              *September 2016 – July 2020*
- Been one of the National Finalist in Juvenile Programming Contest, Bangladesh (Python)
- Been the District level champion in Juvenile Programming Contest, Bangladesh (Python)
- Achieved a great level of problem-solving expertise during this three-day intensive competitive programming contest
- Participated in online competitive programming contests

## Leadership Experience

**Nawabganj Govt. College Robotics Group**                                    **Chapainawabganj, Bangladesh**
*Founder, President*                                                                            *August 2019 – November 2021*
- Initiated the formation of a group of 5 students to make projects that will help in the real world
- Made an overweight controller using Arduino to resolve the road system of Bangladesh from deteriorating by 35%
- Researched intensively on the road system in Bangladesh and the cause of its deterioration
- Lead the group in making this vision a reality and bringing it to perfection in 3 weeks of time
- Programmed and designed the project to run smoothly and efficiently with no errors
- Been the District Champions for consecutive 2 years

## Volunteer Experience

**Karuka Computer**                                                                          **Chapainawabganj, Bangladesh**
*Teacher*                                                                                            *June 2021 – January 2022*
- Taught unemployed individuals technical skills to land a job
- Taught Motion Graphics and Video Editing
- Assisted in finding employment with the skills acquired

## Skills

Programming Languages (C, C++, Python, HTML, CSS) | Advanced Calculus | Public Speaking | Trilingual (Bangla, English, Spoken Hindi)