

# TALHA TAHMID

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## Education

### The University of Texas at Arlington

Honors Bachelor's in Computer Science, CGPA: 3.77

Arlington, Texas

Expected Graduation May 2026

## Skills

**Languages & Frameworks:** C, C++, Python (Pandas, NumPy, Matplotlib), Java, Kotlin, JavaScript, HTML, CSS, React JS, React Native, Next JS, Node JS, TypeScript, Swift, C#, ASP .NET

**Databases & Tools:** Git, Google Analytics, MongoDB, Firebase, SQL (MySQL, SQLite), AWS, Azure

**Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Machine Learning, API Integration

## Work Experience

### Software Engineer Intern

The Friedkin Group

Houston, TX

May 2025 – Present

- Rebuilt core Dealer Supplies app to decouple from legacy systems, used by 150+ dealers across 5 states.
- Designed new cloud architecture; migrated app & DB to AWS (EKS, S3, ECR).
- Contributing to full SDLC: requirements gathering, architecture planning, iterative development, testing, and production deployment.
- Led team Lunch & Learn; shared design patterns and Sprint retrospective insights.

### Web Developer

The University of Texas at Arlington

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 20% increase in user engagement.
- Analyzed and audited website performance, accessibility, and web analytics using Siteimprove to ensure all web pages function properly.
- Worked closely with technical and non-technical personnels to enhance website functionality, improving accessibility compliance by 4x.

## Projects

### Trasva | [trasva.com](http://trasva.com)

July 2024 - Present

- Built a full-stack travel platform allowing users to share and explore travel experiences, with integrated features for account creation, image uploads, and social interactions like reactions, comments, sharing.
- Enhanced user experience by implementing interactive social features, including reactions, comments, sharing, following, and image uploads, with dynamic geolocation-based content filtering for personalized travel discovery.
- Optimized performance using modern web technologies including Next.js, TypeScript, and MongoDB.
- Integrated Clerk for authentication, Uploadthing for seamless file uploads, and Google Maps API for location-based services.

### MavGrades | [mavgrades.com](http://mavgrades.com)

- Built searchable grade analytics tool used by 14k+ UTA students.
- Designed dynamic UI filters (course, prof, semester); boosted engagement by 3x.
- Built a performant SQLite-based API backend to serve real-time course and grade data.

### Service Request System | [Github](https://github.com)

- Developed an Android application enabling users to initiate service requests and connect with service providers, using Android Studio, Java, Kotlin, and Firebase.
- Collaborated with end-users to understand their service needs, refining the app's features to meet functional business requirements and improve user satisfaction by 40%.
- Executed the project using the Waterfall Model, producing detailed documentations of UML diagrams, System requirements, a test plan, and adhering to a structured development and testing process.

### Goblin- Expense Tracker | [Github](https://github.com)

- Created an enterprise-level Expense Tracker application in ASP.NET Core MVC using SyncFusion Components.
- Implemented CRUD operations for Category and Transaction, with grid functionality including paging and sorting.
- Designed an interactive dashboard with charts for visualizing expenses and a dockable sidebar for easy navigation.
- Utilized ASP.NET Core MVC to create a scalable and robust application architecture.

## Leadership Experience

### Association for Computing Machinery

Officer

- Project Manager for [mavgrades.com](http://mavgrades.com), leading a team of 30 for enhanced class registration.
- Oversaw multiple assignments, delivering technical solutions under tight deadlines and ensuring project success.

## Awards

- Winner, UTA Datathon 2023 (Category: Data Annotation)
- Best Use of MongoDB Atlas | [HackSMU VI](https://hacksmu.vi) (2024)
- 2<sup>nd</sup> Place Winner, Best Use of Databricks | [HackUTA 6](https://hackuta.6) (2024)