

# ADITYA AGRAWAL

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## EDUCATION

### UNIVERSITY OF TEXAS AT AUSTIN

August 2021 – May 2025

- **Major:** Bachelor of Science in Computer Science; **Minors:** Business, Entrepreneurship Austin, TX
- **Relevant Coursework:** Software Engineering, Object-Oriented Programming, Data Structures

## TECHNICAL SKILLS

- **Proficient:** C, TypeScript (JavaScript), Java, React, Vue 3, NodeJS, SQL, HTML5, CSS, Python, C++
- **Intermediate:** PHP, SvelteKit, Laravel, Flask, Kotlin, Django, C#, ASP.NET, SCSS, Selenium, VBA, Excel

## WORK EXPERIENCE

### ATMOSPHERE TV, *Software Developer Intern*

May - August 2022

- Spearheaded the creation of a customized component library utilizing Vue 3 and TailwindCSS, resulting in a consistent and efficient UI across Atmosphere's customer portals and other websites for 9000+ monthly active users.
- Implemented automated testing using StorybookJS, ensuring seamless integration and reducing development time.
- Migrated, replaced, and rewrote 10+ libraries utilized in the customer portal from Vue 2 to Vue 3 JavaScript framework.
- Owned implementation of two consumer interaction analytics tools for the customer portal using an in-house analytics API, Hotjar, BigQuery, Looker, and Google Optimize.

### IEDUCATE USA, *Systems & Data Intern*

June - August 2021

- Developed a web-app that aids in the cataloguing and ingestion of captured content, using Google Drive and Forms.
- Performed fit-gap analysis on the operations workflow to capture pain points and areas of improvement.

### RADIX ENGINEERING AND SOFTWARE, *Software Engineering Intern*

July - August 2019

- Saved ~\$52,000 annually by developing computer-based invoice matching tool in Excel using VBA, automated the hour allocation calculations, and created a web-admin site using ASP.NET, C#, and SQL.

## ENTREPRENEURSHIP

### TALEMNA, *Co-Founder*

June 2022 – Present

- Creating a mobile-first website utilizing React, TypeScript, and Firebase to connect tutors and students in Saudi Arabia.
- Implementing i18n to support both English and Arabic on the website to improve accessibility for all users.

### FLOOD ALERT, *Founder*

February 2017 – May 2021

- Developed a [web application](#) using Bootstrap, Firebase, and Google Maps to help people navigate through the safest route in flooded zones by crowdsourcing information.
- Invented a flood sensor to collect real-time and location-specific water level measurements with integration to the web application. Used C++ and the REST API to develop and connect this sensor to the database.

### SPEEDELIVERY, *Co-Founder, Lead Web Developer*

March 2020 – May 2020

- Founded a zero-cost grocery delivery service and programmed a [website](#) using Bootstrap and Firebase for at-risk individuals; delivered \$400 of products to 20 households.

## LEADERSHIP

### Freetail Hackers, *Internal VP, Merge Project Lead & Events/Experience Member*

February 2022 – Present

- Led and planned 4 hackathons, reaching 2,000+ hackers, including HackTX - one of the biggest hackathons in the state.
- Led the successful deployment of Merge, the team-matching app developed by a team of 6 using Mongo DB, Express, React, and NodeJS, at Hack the Future, facilitating team formation and collaboration for 25 hackers. Additionally, improved the DevOps of Merge by setting up a CI/CD pipeline, unit testing, and deploying to AWS and Vercel.

### Mu Alpha Theta, *President*

August 2018 – May 2021

- Raised \$1500 in scholarships by leading the 5-person leadership team to organize multiple events and fundraisers.

## INTERESTS /AWARDS

- **Golf:** TAPPS Golf State Tournament – 3rd Place May 2021
- **Teaching:** Taught Math and Computer Science to 40 underserved middle school students June – July 2020