

TANUSH CHAUHAN

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2029

Bachelor of Science in Computer Science (Honors) & Bachelor of Science in Mathematics, Dean's Scholars Program

GPA: 3.9381 / 4.0

EXPERIENCE

University of Texas at Dallas, Richardson, Texas

June 2024 – March 2025

Research Intern

- Collaborated under Professor Vincent Ng at the Human Language Technology Research Institute to develop MemeQA, creating over **9,000** multiple-choice questions and designing metrics to benchmark meme understanding across visual, commonsense, and cultural dimensions.

PUBLICATIONS

- Nguyen, K. P. N., Li, T., Zhou, D. L., Xiong, G., Balu, P., Alahari, N., Huang, A., **Chauhan, T.**, Bala, H., Guzelordu, E., Kashfi, A., Xu, A., Shrestha, S., Vu, M., Wang, J., & Ng, V. (2025). MemeQA: Holistic Evaluation for Meme Understanding. In Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics (Vol. 1: Long Papers), Vienna, Austria, July 2025, 18926–18946. Association for Computational Linguistics.

PROJECTS

Kindred | Next.js 16/React Native/Supabase/NVIDIA AI | [Github](#)

- Awarded "Best Presentation" for developing a wellness platform that syncs Apple HealthKit data from a React Native mobile app to a Next.js professional dashboard.
- Built an AI-driven matching pipeline using Supabase Vector Search and NVIDIA's Llama 3.1 to analyze user profiles and automate personalized trainer pairing.

Prism Strategy Platform | React 18, FastAPI, React Flow, NVIDIA Nemotron, Auth0, Jira | [Github](#)

- Built an AI-driven, multi-agent product strategy platform with a FastAPI backend orchestrating parallel NVIDIA Nemotron LLM workflows for ideation and go-to-market planning.
- Designed a React Flow node-graph interface to visualize agent reasoning and integrated Jira + Auth0 to convert approved AI outputs into authenticated development epics and tickets.

GradeMate | Next.js/React.js/Tailwind/Flutter/Oracle Cloud | [Github](#) [App Store](#)

- Developed a cross-platform application used by 450+ students to track grades, calculate GPA, and predict grades with user-friendly features.

Branchless | Next.js/React.js/Tailwind/Supabase | [Github](#)

- Collaborated with a team of 3 to build a digital banking platform enabling users to manage finances remotely.

Leadership & Community Involvement

Texas Convergent | Build Team Tech Member (Health Tech)

Fall 2025 - Present

- Collaborated within a cross-functional team of 6 to architect and deploy "Kindred" during a semester-long product incubator.
- Awarded "Best Presentation" (Fall 2025) after pitching the product's technical complexity and market viability to a panel of industry stakeholders.

SKILLS

- Languages:** Java, Python, C/C++, SQL, JavaScript, TypeScript, Swift
- Frameworks:** React.js, Next.js, React Native, Flutter, SwiftUI, Tailwind CSS
- Tools & Cloud:** Supabase (PostgreSQL), Oracle Cloud, Git, OpenAI APIs, NVIDIA NIMs