

# TANUSH CHAUHAN

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## EDUCATION

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**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

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**University of Texas at Austin**, Austin, Texas Feb 2026 - Present  
*Undergraduate Research Assistant*

- Assisting with research in the Autonomous Mobile Robotics Lab (AMRL).

**University of Texas at Dallas**, Richardson, Texas June 2024 - March 2025  
*Research Intern*

- Collaborated with Prof. Vincent Ng to develop MemeQA, a 9,000+ question multiple-choice benchmark. Evaluates meme comprehension, highlighting gaps between multimodal models and human performance.

## PUBLICATIONS

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Nguyen, K. P. N., Li, T., Zhou, D. L., Xiong, G., ..., **Chauhan, T.**, et al. (2025). MemeQA: Holistic Evaluation for Meme Understanding. In **Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics (ACL 2025)**.

## PROJECTS

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

- Built an AI-driven marketplace with a matching pipeline using Supabase vector search and Llama 3.1 (through NVIDIA NIM) to analyze user profiles and automate personalized trainer and nutritionist matching with clients.

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

- Built an AI-driven multi-agent product strategy platform with FastAPI and parallel NVIDIA Nemotron LLM workflows. Integrated React Flow and Jira/Auth0 to convert AI outputs into authenticated epics and tickets.

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

- Built a cross-platform application used by 900+ students to track grades, calculate GPA, and predict grades.

**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.

**SnapLink** | Next.js/Supabase | [Github](#)

- Developed SnapLink, a URL shortener featuring a Next.js front end and Supabase backend.

## Leadership & Community Involvement

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**Texas Convergent** Fall 2025 - Present  
*Build Team Tech Member - IoT Case (Spring 2026), Health Tech Case (Fall 2025)*

- Architected and deployed *Kindred*, a cross-platform marketplace where trainers and nutritionists connect with clients, share plans, and track progress. This project was awarded Best Presentation by Texas Convergent.

**ECLAIR Robotics** Spring 2026 - Present  
*Project Eye Tracker (Spring 2026)*

- Member of the software and hardware team for the Eye Tracker project, developing and optimizing eye-tracking algorithms for downstream tasks such as controlling a robotic arm.

## SKILLS

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- 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