

Dan Truong

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EDUCATION

The University of Texas at Austin

May 2027

Bachelor of Science in Mathematics, Minors in Computer Science and Data Science

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Databases, Data Science, Mobile Computing

EXPERIENCE

The University of Texas at Austin

August 2024 – May 2025

Data Science Intern

Austin, Texas

- Processed **100,000+** Reddit posts from **6 communities** using **Python**, increasing data reliability by **40%**
- Utilized **ChatGPT-4o** and **prompt engineering** to **classify posts into 6 themes**, uncovering key behavioral patterns
- Optimized data processing with **high-performance computing**, reducing runtime by **60%** and enabling scalable thematic analysis

Caelus

January 2025 – April 2025

Founding Engineer

Remote

- Built 50% of the front-end** from scratch using **Next.js**, **ReactJS**, and **TypeScript**, attracting **30+ users** for testing
- Redesigned home and explore pages, **increasing user retention by 15%** and **reducing bounce rate by 20%**
- Launched responsive user interface with **TailwindCSS**, **boosting session duration by 22%**

TheBigLease

November 2024 - March 2025

Founding Engineer

Austin, Texas

- Drove **50% of the technical strategy** by designing and launching a website from scratch, attracting the interest of **500+ UT Austin students in the first month**
- Engineered an AI-powered platform with **ReactJS** and **Next.js**, helping students identify **top three housing options** using **predictive analysis** and **natural language processing**
- Integrated front-end with back-end using **Python**, **Flask**, and **SQL**, enabling seamless access to **2,000+ housing records** for faster decision-making

PROJECTS

Downbad.ai | *ReactJS, Rust, TailwindCSS*

- Developed a full-stack Solana decentralized app that analyzes wallets to generate AI-powered comments based on trading history

Tabi (Solana Breakout Hackathon) | *Next.js, Express.js, Node.js, Solana, Supabase*

- Built a full-stack Solana-based crypto payments and bill-splitting app, enabling instant USDC/SOL transfers and smart financial insights

TAO SentimentBot (Bittensor Endgame Hackathon) | *Python, LangChain*

- Built a Telegram bot using **MCP**, **LangChain**, and real-time wallet data to deliver AI-generated sentiment reports for TAO users on Subnet 42

Texas PiKapp Website | *ReactJS, Next.js, TypeScript, TailwindCSS*

- Developed a website to showcase the **50+ current members** fraternity and serve as an informative hub for current members, potential members, and alumni

Flappy Fish | *Unity Engine, C#*

- Constructed a game application that enabled **100+ users** to navigate a fish through obstacles, inspired by Flappy Bird

LEADERSHIP

Texas Blockchain Labs

January 2024 – Present

Software Engineer Fellow

Austin, Texas

- Developed full-stack crypto apps for **2 major hackathons (Solana Breakout, Bittensor Endgame)** using **Next.js**, **TailwindCSS**, **Solana Web3.js**, **Helius SDKs**, **Supabase**, **Python**, and **TypeScript**

TECHNICAL SKILLS

Languages: Java, Python, Typescript, C#, C++, C, JavaScript, HTML, CSS, Solidity, SQL, R

Frameworks/Libraries: ReactJS, Next.js, Node.js, Express.js, Unity Engine, Astro, TailwindCSS, Foundry

Tools: MySQL, MongoDB, Oracle Database, Supabase, AWS, Azure, Vercel, Figma, Kubernetes, Docker, Terraform, Kafka