# NAM TRUONG

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## EDUCATION

**The University of Texas at Dallas,** Richardson, TX — May 2024
B.S. in Computer Science, Minor in Finance — GPA: 3.863
**Relevant Coursework**: Database Systems(AWS RDS), Advanced Algorithms, Operating Systems, Artificial Intelligence

## SKILLS

| | |
|---|---|
| Languages | : Java, Python, Ruby, JavaScript, Typescript, C++, HTML/CSS, SQL, Terraform |
| Tools | : Git, AWS, Firebase, GCP |
| Frameworks | : ReactJS, Next.js, Ruby on Rails, Tailwind |

## EXPERIENCE

**State Farm** — May 2022 - Aug. 2022
Software Engineering Intern — Richardson, TX
- Designed and constructed an internal State Farm GitLab web scraper to extract repositories/issues pertaining to Research & Development
- Enhanced researching productivity of the Research & Development Team by automating code search
- Deployed scraper process within **AWS Lambda**, **SQS**, and **S3** and implemented AWS infrastructure using **Terraform**
- Improved efficiency of scraping **4000+ repositories** by **80%** by integrating the **GitLab API** and **AWS SQS queues**

## PROJECTS

**HackPortal**, ACM | HackUTD Development Team — 2021 - Present
- Engineering a hackathon event management platform for hackathon organizers
- Implemented login system, form registration, database fetching, and front-end customizability
- Used by **6+ hackathon organizations** and managed **1000+ hackers** during HackUTD
- Utilized: Next.js, Typescript, Firebase, Tailwind CSS

**SimpliFarm,** HackTX — 2022
- Developed a **machine learning** application that uses API and farm data to determine optimal water and fertilizer usage for farmers
- Achieved SSO and user-specific database fetching and posting by integrating **Firebase**
- Accomplished result summary SMS through the **Twilio API** and **Co:here** natural language processing
- Won Twilio challenge and John Deere honorable mention out of 119 projects
- Utilized: Next.js, Firebase, Flask, Weather & Google API, Twilio API, Co:here

**Blink**, HackDFW — 2021
- Created an interactive video conference platform with activities to mimic engaging classroom environments
- Established a real-time video calling and messaging system by integrating **Agora.io API**
- Designed student data fetching and video call APIs
- Utilized: React, Node.js, Typescript, Agora.io API, Tailwind CSS

## ACTIVITIES

**Association for Computing Machinery** — 2020 – Present
Technical Officer, ACM & HackUTD Team
- Organizing events for HackUTD, the largest university hackathon in North Texas
- Developing event websites for HackUTD's seasonal hackathons