

# NAM TRUONG

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## EDUCATION

**THE UNIVERSITY OF TEXAS AT DALLAS**, Richardson, TX

May 2024

B.S. in Computer Science

GPA: 3.84/4.0

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## Skills

Languages: C++, Java, Ruby, JavaScript, HTML/CSS, SQL, Typescript

Cloud and Opensource: Google Cloud APIs, Git

Frameworks: React, Ruby on Rails, Next.js, Tailwind

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## Experience

**iCode**, Frisco, TX

Technical Lead Internship

June 2021 – Aug. 2021

- Taught and led weeklong coding camps over technology and computer science topics ranging from 3d printing and robotics to scratch and java
- Planned developmental activities to ensure engagement within students
- Communicated with parents for post week reports regarding lesson plans and progress

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## PROJECTS

**ACM Projects CookAlong**, Association for Computing Machinery

Sept. 2020 – Nov. 2020

- Developed a culinary website that utilizes voice commands to guide users step by step through ingredients and instructions in order to prepare a dish without constant device handling
- Implemented Web Speech API for speech functionalities through React web-framework and Ruby on Rails server-side framework.
- Won first place project for ACM Projects Fall 2020
- Technologies used: Ruby, React, Ruby on Rails, Web Speech API, Bootstrap

**Blink**, HackDFW 2021

Oct. 2021

- Created a real time video conference platform to mimic engaging classroom environments
- Designed student data fetching and video call APIs to transition to platform as a service (PaaS)
- Technologies used: React, Node.js, Typescript, Agora.io API, Tailwind CSS

**Minos' Quest**, TamuHack 2021

Feb. 2021

- Designed a real-time multiplayer tile-based game through Processing language and engine
- Developed map and game frameworks to enhance user experience
- Achieved real-time multiplayer functionality using java sockets and multithreading
- Technologies used: Processing, Java

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## ACTIVITIES

Association for Computing Machinery, Technical Officer

Nov. 2020 - present

- Organizing current and future HackUTD's, the largest university hackathon in North Texas
- Developed HackUTD 2021 website for spring semester hackathon
- Managed user application portal back-end, amassing over 1000 users
- Working on HackPortal, an application portal made for hackathons

UTD Powerlifting, Member

Sept. 2020 - present

- Club focusing on community-based training and competition within the sport of powerlifting