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

Skills

Languages: C++, Java, Ruby, JavaScript, HTML/CSS, SQL
Cloud and Opensource: Google Cloud APIs, Git
Frameworks: React, Ruby on Rails, Tailwind

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 developmentally activities to ensure engagement within students
- Communicated with parents for post week reports regarding lesson plans and progress

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 Fall 2020 semester
- Technologies Used: Ruby, React, Ruby on Rails, Web Speech API

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

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