

Khoi Tran

469-468-0064 | trandangkhoei1998@gmail.com | Richardson, TX

www.linkedin.com/in/khoi-d-tran | <https://github.com/khoitran98> | <https://khoitran98.github.io/portfolio>

EDUCATION

B.S in Computer Engineering

Aug 2016 – May 2020

M.S in Computer Science

Aug 2020 – May 2022

The University of Texas at Dallas, Richardson, Texas

SKILLS

Languages: JavaScript, C#, Python, Java, C++, C, Assembly, HTML5, CSS3.

Frameworks: Vue.js, React, React Native, Redux, GraphQL, Express, Angular, Ionic, Vuetify, Bootstrap.

Others: Firebase, Google Cloud, Unity, MongoDB, Node.js, Linux, Android, ROS, Algolia.

WORK EXPERIENCE

Skipli | Atlanta, GA

Software Engineer Intern

Jan 2021 – Now

- Building a restaurant's mobile app that allows online ordering, payment, social media integration, and loyalty points tracking with React Native, Node.js, Firebase, and Facebook & Instagram API.

UTD School of Arts, Technology, and Emerging Communication | Richardson, TX

Research Assistant / Unity Developer

Sept 2019 – Now

<https://stepp.utdallas.edu/publication>

- STEPP: a WebGL Unity game in C# that's used as a teaching app for high school's Physics courses.
- Implemented features for 16 different levels of the game using C#.
- Developing algorithms to animate game objects based on Physics kinematic equations.

PERSONAL PROJECTS

Vertas News (3-person project)

July 2019

<https://vertasnews.com/>

- A web app to rate news articles and aggregate ratings for news outlets and journalists.
- Developed the UI/UX with Vue.js and Vuetify.
- Utilized News API, Algolia, and Firebase for the backend and database.

SwingRun Unity Game (1-person project)

Aug 2019

<https://khoitran98.github.io/SwingRun-WebDemo/>

- Developed an endless runner WebGL game with C# and Unity.
- Built a neural network that can study player gameplay through backpropagation.
- Deployed a backend for the game using MongoDB, Node.js, and Express.

Students Attendance App (4-person project)

Nov 2019

<https://github.com/AreYouHere-io/AreYouHere-App>

- Developed the front-end for a hackathon mobile app with Ionic, Angular, and Cordova.

HONORS & AWARDS

- Top 8 – 2020 International IEEE Software Testing Contest – College Group.
- UTD Academic Excellence Scholarship.