Khoi Tran

469-468-0064 | trandangkhoi1998@gmail.com | Richardson, TX
www.linkedin.com/in/khoi-d-tran | https://github.com/khoitran98

SKILLS

Languages: JavaScript, C#, Java, C++, C, Python, Assembly, HTML5, CSS3.
Frameworks: Vue.js, Angular, Ionic, Cordova, Vuetify, Bulma, Materialize, Bootstrap.
Others: Firebase, Unity, Git, Linux, ROS, Algolia, Adobe Illustrator, Adobe XD.

WORK EXPERIENCE

UTD School of Arts, Technology and Emerging Communication
Student Assistant / Unity Developer Sept 2019 - Now

- STEPP: an interactive Unity game in C# that educates students Physics and Computational Thinking using finite state machine.
- Implemented the backend system which stores users' inputs in a list of states.
- Developed algorithms to animate game objects and trailing based on Physics kinematic equations.

PROJECTS

News Rating Website (3-person project) May 2018 – August 2019
https://vertasnews.com/

- A website which allows users to rate news articles based on accuracy and biases, built with Vue.js, Vuetify, Materialize, News API, Algolia and Firebase.

Students Attendance App (4-person project) November 2019
https://github.com/AreYouHere-io/AreYouHere-App

- A hackathon cross-platform mobile app which allows students to check in with professor in class by generating and scanning QR code, built with Ionic, Angular, Cordova, Spring and server running on AWS.

2D Swinging Unity Game (1-person project)
https://khoitran98.github.io/RedSwinger_WebDemo/ August 2019

- An endless running game where player has to swing to collect coins and avoid obstacles, implemented in Unity, C# and Bayat Games assets library.

Electric Skateboard App Controller (2-person project)
https://khoitran98.github.io/RedSwinger_WebDemo/ February 2019 - Now

- An Android App to locate and monitor remotely a Rapsberry Pi-controlled Electric Skateboard connected to GPS, GSM and Regenerative Braking modules via cellular network, built with Java and Google Maps API.

EDUCATION

B.S in Computer Engineering Aug 2016 – May 2020
The University of Texas at Dallas, Richardson, Texas
Overall GPA: 3.5/4.0