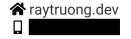
Raymond Truong



Professional Experience

Purdue University CURRICULUM DEVELOPER

West Lafayette, IN Sep 2019 - Present

- Collaborated alongside five developers to develop several Java labs for Purdue's Computer Science Bridge summer program
- Developed several intro Java labs to be used as program content
- Wrote JUnit tests, performed QA and code reviews of other labs

UNDERGRADUATE TEACHING ASSISTANT

Aug 2019 - Present

- Leading a lab session in a full-stack web applications development course, teaching React, Node, Express, and MongoDB
- Developing JavaScript labs for students learning web development
- Teaching two lab sections of over 30 students C & C++ concepts and introductory data structures

Humana TECHNOLOGY INTERN

Louisville, KY May 2019 - Aug 2019

- Designed and developed a full-stack platform to host and serve Splunk dashboards using Vue, Node, and MySQL
- Wrote Jest unit tests, performed QA and code reviews
- Pitched project to senior VPs and gained funding approval for Business Intelligence team to further develop Humana Splunkbase

Harris Corporation

Fort Wayne, IN Aug 2016 - Dec 2016

- SOFTWARE ENGINEERING INTERN
 - Created Radiation Budgeting Instrument project documentation
 Engaged in daily sorum meetings with flight activers engineers
 - Engaged in daily scrum meetings with flight software engineers
 - Presented Doxygen research to flight SWE team to help engineers better understand capabilities of automatic documentation

Projects

WhereTheHeckIs

JavaScript Angular Ionic Node Express Go MongoDB Google Cloud

- Created a native mobile application for both Android and iOS that locates conference rooms, offices, and cubicles on a floorplan
- First place winner of 2019 Summer Intern "Humanathon" hackathon
- Developed critical front-end feature to view an image as a map
- Wrote back-end server to store marker data into MongoDB

FitHub

JavaScript React Native Node Express MongoDB Google Cloud

- Developed a cloud-based social platform where users can create, log, and share workouts from a React Native mobile application
- Led back-end development on a team of 5 using Node and MongoDB
- Created and tested a Node & Express API spanning 1800+ lines
- Optimized response time of 30 MongoDB API endpoints from an average of 1700ms to less than a max of 500ms

in ray-truong☑ ray@raytruong.dev

Education

Purdue University West Lafayette, IN BS Computer Science GPA: 3.54 Aug 2017 - May 2021

Courses

Data Structures & Algorithms Software Engineering Software Testing Web Development Information Systems System Programming

Languages

JavaScript Java C & C++ Python SQL

Frameworks

Node & Express MongoDB Vue & Nuxt

Tools

Linux Docker Git Jest JUnit Google Cloud

Interests

Men's Fashion Cooking Computer Building PC Gaming Weight Lifting