

Raymond Truong

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in ray-truong

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Professional Experience

Purdue University

CURRICULUM DEVELOPER

West Lafayette, IN

Sep 2019 – Present

- Collaborating with five developers to develop several Java labs for Purdue's Computer Science Bridge summer program
- Developing several intro Java labs to be used as program content
- Writing JUnit tests, performing QA and code reviews for 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

SOFTWARE ENGINEERING INTERN

Fort Wayne, IN

Aug 2016 – Dec 2016

- Created Radiation Budgeting Instrument project documentation
- 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

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