Raymond **Truong**

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in ray-truong

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Experience

Purdue University
West Lafayette, IN

DEVOPS ENGINEER — Sep 2019 – Present

- Developing Java labs for Purdue's Summer "CS Bridge Program"
- Researching and developing automated grading solutions by leveraging Gradescope and Docker containers
- Writing JUnit tests, performing QA, and resolving DevOps issues using Atlassian toolchain

UNDERGRADUATE TEACHING ASSISTANT — Aug 2019 – Dec 2019

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

Humana
Louisville, KY

TECHNOLOGY INTERN — 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 for Business Intelligence team to fund development

Harris Corporation
Fort Wayne, IN

SOFTWARE ENGINEERING INTERN — 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 Golang 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
- Collaborated with 5 developers and led back-end development
- 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
B.S. Computer Science
Psychology Minor
GPA: 3.62
Aug 2017 – May 2021

Courses

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

Languages

JavaScript
Java
C & C++
SQL

Frameworks

Node & Express
MongoDB
Vue & Nuxt

Tools

Linux
Docker
Git
Jest
JUnit
Google Cloud

Interests

Fashion
Cooking
PC Gaming
Rock Climbing