Raymond Truong

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www.raytruong.dev

Education

Purdue University
West Lafayette, IN

B.S. Computer Science

GPA: 3.72

August 2017 – May 2021

Languages

JavaScript	Java
Bash	SQL

Tools & Frameworks

Vue.js	Node
Nuxt	Flask
Docker	Maven
Linux	Git
AWS	NoSQL
Jest	JUnit

Additional Projects

Shell
Wrote a custom bash-like shell with regex parsing, process forking, and output redirection

Dotfiles
Created bash scripts to support various Polybar modules monitoring system statuses

Experience

Mastercard

Software Development Engineer I

August 2021 – Present   O'Fallon, MO

- Shared Components & Security Solutions

Purdue University

DevOps Engineer

September 2019 – August 2020   West Lafayette, IN

- Integrated new features into custom Gradescope autograder, such as stack trace reporting and linting of student code submissions
- Created CI/CD pipelines for over 20 repositories to automate deployment of autograder images onto DockerHub
- Automated build process for 17 Java labs by migrating them to Maven
- Wrote JUnit tests, performed QA and code reviews

CS 240 – Undergraduate Teaching Assistant

August 2019 – December 2020   West Lafayette, IN

- Taught two labs of 30 students C/C++ concepts and data structures
- Hosted office-hours covering homework assignments and projects

CS 390 – Undergraduate Teaching Assistant

August 2019 – December 2020   West Lafayette, IN

- Taught a PSO session in a full-stack web applications development course teaching: React, Node, Express, MongoDB, and AWS
- Collaborated with instructional staff to create labs and assignments

Humana

Software Development Intern

May 2019 – August 2019   Louisville, KY

- Led a team of four interns to create Humana Splunkbase, a full-stack platform to host internally developed Splunk dashboards
- Designed and developed project critical features like file upload and JWT authentication utilizing: Vue.js, Node, and MySQL
- Integrated Humana's internal account system into Humana Splunkbase

Projects

A1 Checking System

Vue.js, JavaScript, Electron, PouchDB, Cloudant, Jest, GitHub Actions

- An offline-first desktop application to log sales data for A1 Nails
- Built and designed Vue client with serverless back-end sync to Cloudant
- Configured build pipelines to run tests, package client into a standalone binary via Electron, and automate releases via GitHub Actions
- Currently adding Jest unit testing of Vue components and Dockerizing application to streamline build process