

Raymond Truong

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Education

Purdue University
West Lafayette, IN
B.S. Computer Science
GPA: 3.68
August 2017 – May 2021

Languages

JavaScript	Java
Python	Bash
C & C++	SQL

Tools & Frameworks

Vue	Node
Nuxt	Flask
Docker	Maven
Linux	Git
AWS	MongoDB
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

Purdue University

SOFTWARE DEVELOPER

September 2019 – August 2020

West Lafayette, IN

- Integrated new features into custom Gradescope autograder, such as stack trace reporting and code linting of student 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 on various content

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
- Proctored exams and reviewed new course content before deploying

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
- Created new instructional content in the form of labs and assignments
- Hosted office-hours assisting students on their course-long project

Humana

TECH 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, Node, and MySQL
- Created a microservice using Flask to integrate Humana's LDAP service into the Humana Splunkbase authentication API

Projects

A1 Checking System

Vue, JavaScript, Electron, PouchDB, IBM Cloudant

- 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 to package client into a single binary via Electron

GameTime

React, Flask, PostgreSQL, AWS

- A platform to manage and raise funds for high school sports teams
- Created a Flask API to manage stores and message users via AWS SNS