David Pham

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EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE | BS in Computer Science
Graduation Date: June 2018

EXPERIENCE

NEXON | Software Engineer
May 2020 – Current
- Currently building back-end services for the Commerce team using Golang and Python.
- Developed Admin endpoints for a Restriction Service, which was used to restrict player purchases based on a set of rules.
- Developed an ETL application that automated the updating of Exchange Rates every month.
- Wrote unit tests and integration tests for services using Pytest/Tavern.

ORACLE | Cloud Solutions Engineer
Aug 2018 – Feb 2020
- Build apps using Oracle's PaaS tools in conjunction with various programming languages (HTML, CSS, Javascript).
- Create RESTful web services using Python/Node.
- Incorporate libraries like Flask, Bootstrap and Express into built apps.
- Leverage Oracle Cloud Infrastructure tools (Compute Instances, Object Storage, VCNs, FastConnect, etc.)

SENDGRID | Software Engineer Intern
October 2017 – December 2017
- Designed, implemented and tested a large-scale system that reduced the average latency for mail processing.
- Built a RESTful web service around an open-source "Bloom Filter" data structure using Go.
- Recorded statistics, such as the number of requests/sec, hit/miss ratio and response times, for each endpoint of the service using Graphite.

PROJECTS

FABFLIX | Full Stack Developer
- Developed a movie rental website called "Fabflix" (similar to Netflix) where users could search for and purchase movies
- Built using HTML, JSP, MySQL, jQuery and AJAX
- Implemented features such as reCAPTCHA, HTTPS, and Pagination
- Hosted on Apache Tomcat and AWS

CHEASY | Full Stack Developer
- Educated college students on how to eat cheap and easy (Cheasy!) by building a website that provides recipes, nutritional information and cost
- Built using Bootstrap, JavaScript, jQuery, and CSS by a team of four at San Mateo's HACKINGEDU Hackathon

PROGRAMMING
Python • Go • Javascript • Java • C++ • HTML • CSS • React

OPERATING SYSTEMS
Windows • Mac • Linux

TOOLS
• Git • AWS • Oracle Cloud • Docker • Kubernetes