

# 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

### VIDLY | FULL STACK DEVELOPER

- Developed a web application using the MERN stack
- Implemented Pagination, Filtering and Sorting of Movies
- Enabled the Authentication/Authorization of Users through JWT's
- Developed endpoints for creating, reading, updating and deleting Movies
- Used SentryIO to monitor/log errors

### 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

## PROGRAMMING

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

## OPERATING SYSTEMS

Windows • Mac • Linux

## TOOLS

• Git • AWS • Oracle Cloud • Docker • Kubernetes • Jira