

# A N D U O N G



(+1) 623-419-5908



an.duongx@gmail.com



LinkedIn.com/in/ahdng

## E D U C A T I O N

NOVEMBER 2018  
SALT LAKE CITY, UT

WESTERN GOVERNORS UNIVERSITY | COMPUTER SCIENCE, BS

## E X P E R I E N C E

JANUARY 2018 - PRESENT  
SCOTSDALE, AZ

### PAYPAL | SOFTWARE ENGINEER

SITE STABILITY ENGINEERING | CORE PLATFORMS & INFRASTRUCTURES

- Took ownership of an internal query assistant web-application as the main engineer. The application is powered by Node.js with Express.js and Kraken.js. In addition, the client side of the application was written with React.js/Redux.js library and compiled with Webpack. Meanwhile, the back-end of the application is powered by the Spring Boot framework.
  - Implemented a redaction management system to remove highly secured data in real-time.
  - Integrated Two-factor authentication with SSO and PingID to increase application security.
  - Migrated 80% of the application's configurations to a dedicated NoSQL database.
  - Implemented admin user interface to change application configuration and database settings in real-time.
  - Optimized back-end algorithms to enable database availability after any modification within 30 seconds.
  - Optimized production built to serve static files at 10% of its original size through gzip, minify, and uglify technique.
  - Rewrote half of the front-end codebase after React 16.0 upgrade.
- Implemented the entire front-end user interface for an internal virtual machine remediation application. The application is used to autonomously detect defected virtual machines and attempts to remedy it. In addition, the application is powered by Node.js with Express.js and Kraken.js. Meanwhile, the front-end of the application was written with React.js/Redux.js library and compiled with Webpack.
  - Implemented BrowserSync and React-Hot-Loader for modules replacement without restarting the Node.js server.
  - Integrated code checker bot into Github's Pull Request using Github's Hooks and Jenkins.
  - Integrated multiple RestAPI endpoints for the back-end application to fetch data through the pagination patterns.

JULY 2018 - DECEMBER 2018  
SCOTSDALE, AZ

### PAYPAL | SOFTWARE ENGINEER INTERN

DATA TOOLS ENGINEERING | CORE PLATFORMS & INFRASTRUCTURES

- Integrated a data quality application using data from an internal ticketing system. The application was written in Python with Mathplotlib.
- Wrote 80+ regression/unit tests using Selenium and TestNG framework.

## A W A R D S

OCTOBER 2017  
TEMPE, AZ

HACK FOR HUMANITY 2017 | FIRST PLACE

OCTOBER 2017  
TEMPE, AZ

PAYPAL OPPORTUNITY 2017 | GALVANIZING AWARD

## S K I L L S

### LANGUAGES

JAVASCRIPT | JAVA | PYTHON | C#

### TECHNOLOGIES

NODE.JS | REACT.JS | ANGULAR.JS | SPRING BOOT | FLASK | ANDROID

### DEVELOPMENT TOOLS

GIT | GITHUB | BASH | JIRA | JENKINS