

RICHARD PHAM

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EDUCATION

San Jose State University
B.S in Software Engineering
May 2020 | San Jose, CA

De Anza College
A.S in Software Engineering
Jun 2017 | Cupertino, CA

LINK

GitHub: // richardph911
LinkedIn: //richardph911

CAPABILITY

Front-end

HTML • CSS • JavaScript (ES6) • React.JS
• Redux

Back-end

NodeJS • Spring • Flask • PHP

DevOPS

Git • Docker • MySQL * AWS

AWS

S3 • Docker • CloudFront • Kafka

Programming Languages

Python • Java • C/C++ • PHP •
Assembly

Mobile

Swift

COURSEWORK

- Software Engineering
- Software Testing
- Data Structures and Algorithm
- Object Oriented Design
- Full-stack Web Programming
- Database Management System
- Server-Side Programming
- Operating System
- Enterprise Software
- Assembly Language

AWARD

Engineering Dean Scholar

PROJECT

Flix | iOS App Developer

Jul 2020 – Present

- Used Swift to let users view movies from Movies Database and iTunes API
- Customized and improved 25% of UI through CollectionView

Enterprise Software Platform | Software Engineer

Jan 2020 – May 2020

- Built a 3-tier web with Java, Spring Boot and MySQL
- Reduced 80% server costs using Docker and AWS

NoteMate | Front-end Lead

Jan 2020 – May 2020

- Developed timeline, delegated tasks, and evaluated team progress in 4 months
- Front-end lead to creating UI sites using ReactJS, HTML, CSS, JavaScript
- Explored React Voice Recorder to improve audio quality by 30%

Decryptoid | PHP Developer

Apr 2019 – May 2019

- Full-stack web development with PHP, JavaScript, HTML, CSS and MySQL
- Implemented user authentications, server-client validation, sessions, and cookies
- Improved 80% security of user input by encryption and decryption algorithms

Regression Testing | Software QA

Oct 2018 – Dec 2018

- Engaged in Black Box Testing system using Integration and Cause-Effect methods
- Identified and captured 85% of bugs with JUnit and Manual Testing
- All changes worked perfectly that raised efficiency 40% of existing system

EXPERIENCE

Infinite Options | Software Engineer

Jul 2020 – Sep 2020 | San Jose, CA

- Worked in team of 5 to develop a mobile app to keep track day-to-day life of people with severe memory loss
- Pushed notifications using Xamarin and Firebase backend
- Pushed apps to the stores

Repair Café Fixer | Technician Volunteer

Jun 2018 – Nov 2019 | Los Gatos, CA

- Worked in team of 5 to fix electrical devices, hardware and software tools
- Made the highest fix rate up to 85% with 99% of customer's satisfaction

De Anza College | Teaching Assistant

May 2016 – May 2017 | Cupertino, CA

- Provided problem-solving and debugging skills in C++ and Java for CS students
- Host weekly one-by-one workshop and small projects for CS students
- Trained 5 new tutors to enhance professional credibility
- Improved 50% of students' coding skills performance