

# 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

### 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  
Best Employee of 2018 and 2019

## 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 UICollectionView

### 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

### Sushi Boat Town | Restaurant Manager

Mar 2018 – Mar 2020 | San Jose, CA

- Appraised 15 employee's performance and provided feedback for productivity
- Increased restaurant sales by 35% and tipped employees 60% in 2018 and 2019
- Top Best Employees of 2018 and 2019

### 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