

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

CAPABILITY

Front-end
HTML • CSS • React • Angular • JS
Back-end
NodeJS • Spring • Flask • PHP
DevOPS
Git • Docker • MySQL • AWS
Programming Languages
Python • Java • C/C++ • PHP

COURSEWORK

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

AWARD

Engineering Dean Scholar
Cybersecurity Certificate

PROJECT

Nail Salon Website | Full Stack Engineer

Dec 2020 – Mar 2021

- Developing an ecommerce webapp using Angular, Flask and AWS
- Creating responsive templates using CSS techniques and reusable variables
- Ensuring each pages and styles build correctly on mobile and desktop devices
- Enhancing user interface and accomplish objectives by creating page navigation and site structure
- Designing website's database schema in PostgreSQL to store application data
- Working debugging code to solve functionality issues in the front end

Note Mate | Front-end Engineer

Jan 2020 – May 2020

- Developed timeline, delegated tasks, and evaluated team progress in 4 months
- Created user interface sites using ReactJS, HTML, CSS and JavaScript
- Implemented React Voice Recorder to improve audio quality by 30%

Decryptoid | PHP Developer

Apr 2019 – May 2019

- Full-stack web development focused on encrypting and decrypting user's input with PHP, JavaScript, HTML, CSS and MySQL
- Implemented user authentications, server-client validation, sessions, and cookies to apply information security
- Improved 80% security of user's 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 Intern

Jul 2020 – Sep 2020 | San Jose, CA

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

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