

Phu Tran

phu.n.tran.97@gmail.com || (408) 646-3003 || linkedin.com/in/phu-n-tran/ || github.com/phu-n-tran

Education

Bachelor of Science in COMPUTER SCIENCE

Aug 2018 – Dec 2020

San Jose State University || San Jose, CA

- Major GPA: 3.72 / 4.00
- Coursework: Data Structures and Algorithms, Object Oriented Design, Operating System, Information Security, Serve Web Programming, Software Engineering, Programming Paradigms, Artificial Intelligence

Associate in Science for Transfer

Sep 2015 – Jun 2018

De Anza College || Cupertino, CA

- GPA: 3.70 / 4.00

Skills

- **Programming Language:** Java, Python, C/C++, Assembly, Scheme, Ruby
- **Web Development:** HTML5/CSS3, PHP, JavaScript, React.js, Node.js
- **Databases:** MySQL, SQLite, MongoDB, Cassandra
- **Design tools:** Adobe apps (Photoshop / Illustrator/ Flash / InDesign/ Spark/ XD)

Experiences

Back-End Software Engineer (Externship)

May 2020 – Present

TheOpClub at SJSU || San Jose, CA

- Join the software team to design and develop software application that manages and supports agriculture supply chain by using React.js, Node.js, and MongoDB
- Work closely with other teams and using agile methodology to ensure development process and meet up all software requirements
- Aims to create a software application that works optimally under unreliable network connectivity

Teaching Assistant in CIS Lab and Classroom

Jan 2017 – May 2018

De Anza College || Cupertino, CA

- Assisted teachers through preparation of test questions and homework problems
- Advised students on an individual basis to address problems and helped improve their programming skills

Projects

Yelp's User Management Simulator || Python, MongoDB

Apr 2020 – May 2020

- Lead a team of 3 people to design and implement an application that used the public dataset from Yelp to manipulate the data
- The application used PyMongo library to connect to NoSQL database in a cluster

Food Management App || Java, SQLite

Sep 2019 – Dec 2019

- Worked in a team of 2 to develop an android mobile application targeting food waste issue by using Android Studio
- The application helped users manage and prevent their food from spoiling by sending notification
- The goal was to help users save money while reducing/preventing food waste

Store Front Website || React.js, Node.js, MySQL

Sep 2019 – Dec 2019

- Collaborated in a group of 3 to create an online system for customers to order food from a food court
- Applied 3 tier architecture technique to increase performance and scalability of the program

Decryptoid Website || PHP, JavaScript, MySQL

Mar 2019 – May 2019

- Built an web application that allows users to encrypt or decrypt their upload a file
- Integrated different cryptosystems to provide a built-in list of crypto options