Phu Tran

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Education

Bachelor of Science in Computer Science
San Jose State University
San Jose, CA || Dec 2020
Dean's Scholar
Major GPA: 3.81 / 4.00

Associate in Science for Transfer – Computer Science
De Anza College
Cupertino, CA || Jun 2018
Dean's List Honor
Cum. GPA: 3.70 / 4.00

Advanced Coursework:
- Data Structures and Algorithms
- Object-Oriented Programming
- Operating System
- Artificial Intelligence
- Information Security
- Serve Web Programming
- Software Engineering
- Programming Paradigms

Skills

Programming Languages:
Java • Python • C • C++
Assembly • Scheme • Ruby

Web Development:
HTML5/CSS3 • PHP • JavaScript
React.js • Node.js

Databases/Cloud/Testing:
MySQL • SQLite • MongoDB
Cassandra • AWS • Docker

Design tools:
Adobe apps (Photoshop / Illustrator/ Flash / inDesign/ Spark/ XD)

Experiences

Back-End Developer (Externship)   May 2020 – Present
TheOpClub at SJSU || San Jose, CA
- Work in team to capture all events, transactions, handoffs across Agriculture Supply Chain by using React.js, Node.js, and MongoDB
- 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 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
- 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, AWS   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 file
- Integrated different cryptosystems to provide a built-in list of crypto options

Search Engine Simulator || Java   Nov 2018 – Dec 2019
- Simulated Google Search Engine by using Jsoup library to obtain data from Google API
- Applied various data structures and sorting algorithms to manipulate data