

Phu Tran

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Education

Bachelor of Science in COMPUTER SCIENCE

Aug 2018 – Dec 2020

San Jose State University || San Jose, CA

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

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)

Projects

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

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

Search Engine Simulator || Java

Nov 2018 – Dec 2018

- Simulated Google Search Engine by using Jsoup library to obtain data from Google API
- Applied various data structures and sorting algorithms to manipulate data

Battleship Game || Java

Oct 2018 – Dec 2018

- Cooperated with a team of 3 to reproduce multi-players game following normal logic
- Designed a GUI using JavaSwing while applied different design patterns and the MVC model

Online Store Simulator || C++

Apr 2018 – May 2018

- Lead a team of 4 people to implement functionalities of an online store to demonstrate how back-end of an online store should be
- Incorporated different data structures to manage shipping priority system

Experiences

Teaching Assistant in CIS Lab and Classroom

Jan 2017 – Mar 2017

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