

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, MySQL
- **Design tools:** Adobe apps (Photoshop / Illustrator/ Flash / inDesign/ Spark/ XD)

Projects

Food Management App – Java, MySQL

Sep 2019 – Dec 2019

- Work in a team of 2 to develop an android mobile application that targeting food waste issue
- The application will help users manage and prevent their food from spoiling by sending notification
- The goal is to help users save their money while reducing/preventing food waste

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

Sep 2019 – Dec 2019

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

Decryptoid Website – PHP, MySQL, JavaScript

Mar 2019 – May 2019

- Build an web application that allows users to encrypt or decrypt their upload a file
- Integrate 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 the 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 the functionality of an online store to demonstrate how the back-end of an online store should be like
- Incorporated different data structures to manage the shipping priority system

Experiences

Teaching Assistant in CIS Lab and Classroom

Jan 2017 – Mar 2017

De Anza College || Cupertino, CA

- Helped out student with class work and homework questions or difficulties
- Assisted teachers by prepare for possible test's questions and homework problems
- Meet student 1-on-1 to address their problems and help them improve their programming skill