Xingyu Yang

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Objective
Seeking internship positions for practicing software development, under the guidance of mentors or working in a corporate environment.

Education
UC San Diego, BS Computer Science   Graduation date: June 2019
Cumulative GPA: 3.82

Relevant Coursework
- Intro/Computer Science: Java
- Basic Data Structure and OO Design
- Software Tools and Techniques Lab
- Algorithm and Systems Analysis
- CPU Org. & Sys. Programming
- Software Engineering

Skills
- Languages: Java, C/C++, HTML, CSS, Assembly.
- Web design: Have experience with HTML, CSS; little knowledge of Bootstrap & Jquery.
- Others: UNIX, Git.
- Work efficiently in a group as well as independently with little supervision.

Experience/Project
What's That Food App
- In a group developed an Android app call What's That Food, and the app enables user to record thoughts or opinions toward the food they take at some places, by taking a photo and adding tags and thoughts. I helped implemented the location service of the app, so that it can find the current location of the user and return the restaurant name based on place ID, or by using place picker to select restaurant name. The info is then stored in the Memory Card's location field as the user creates a memory at a place.

Scripting Project in Software Tools and Techniques Lab
- Wrote a personal scripting project implementing bash in UNIX.
- Used for killing specific processes, indicated by name or PID, and their children processes.

Personal Edition of the 2048 game
- Made mine 2048 game implementing Java GUI, has very similar gameplay features to the original 2048 game, with a few added features, such as resuming a previous game by loading the stored template from somewhere else, can undo one move if there has been a move taken.

Implementation of data structures
- Accomplished implementation of stack features through different data structures including linked lists, stacks, queues, binary trees and hash tables.
- Achieved the same result by using all of Java, C and C++.

Member of College Volunteer Group
- Do community volunteer work in a monthly basis.