Jia Ming (Jimmy) Ma

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EDUCATION

City College of New York – New York, NY   3.85/4.00 GPA

Bachelor of Science in Computer Science   Expected Graduation – May 2021

Relevant Coursework: Data Structures, Algorithms, Software Development, Machine Learning, Database Systems, Software Engineering, and Computer Organization.

SKILLS

Programming Languages: Python, Java, C++, C#, JavaScript, MariaDB, MySQL, HTML, CSS.

Technologies: GitHub, Unity, Visual Studio Code, Jupyter Notebook, Android Studio, Slack.

Spoken Languages: Mandarin, Cantonese, Taishanese (Native)

PROJECTS

Unity Platformer Game – GitHub   June 2020
- Implemented a working protocol of a platformer game using the Unity Engine and C#.
- Developed multi-layer backgrounds for a realistic feel, ambient environment, hitboxes and summoner abilities.

Foodies – GitHub   October 2019
- Implemented a food delivery application with a group of 5 using Python.
- Developed the map navigation system using the Google Maps API, the bidding system, and a simple voice recognition system for ordering to aid those with disabilities.

Fruit Cutter Android Game – GitHub   May 2018
- Developed an Android game using my own game engine, where the goal is to cut the apple.
- Utilized Android Studio with Java to test and deploy the application.

Run Forever!, Google Building High School Hackathon – New York, NY   April 2016
- Developed a 2D infinite running game using SNAP! programming language in a group of 4.
- Won "Most Technical" amongst other participants.

RELEVANT EXPERIENCE

CUNY Tech Prep – New York, NY   June 2020 – Present

Software Developer Student:
- Selected for a technical training program, as one of XXX students out of 400+ applicants.
- Learn technologies like React, Node + Express, and PostgreSQL. As well as best practices for design, implementation and development using MVC, VC with GitHub, agile & Scrum with Trello and Stack, and test-driven development.

SUPPORTING EXPERIENCE

New York Chinese School – New York, NY   May 2015 – September 2015
- Volunteered to be a teacher's assistant, helping the teacher and taking care of 40 kids.

Chinese American Planning Council – New York, NY   June 2014 – August 2014
- Quickly organize files in Excel and Word as well as assisting senior co-workers in their needs.