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 Technologies: Python, Java, C++, C#, React, Material UI, JavaScript, JQuery, HTML, CSS, Bootstrap.

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

Spoken Languages: Mandarin, Cantonese, Taishanese (Native)

PROJECTS

Cryptocurrency Slot Machine (WIP) – GitHub, Deployment   March 2021
- Developed the front-end of this online slot machine where people can play by using cryptocurrency (ETH).
- Made use of React (JavaScript), Material UI, CSS, HTML to deliver an interactive and responsive webpage.

Valorant Sheet – GitHub, Deployment   November 2020
- Developed a minimalistic modern website where people can learn about the game Valorant and its agents.
- Utilized JQuery, HTML, CSS and Bootstrap for the sake of mobile and desktop front-end responsiveness.

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 desktop 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.

RELEVANT EXPERIENCE

CUNY Tech Prep   New York, NY

Software Developer Student   June 2020 – Present
- Selected for a technical training program, as one of 180 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

Business Technology Early College High School   Queen's Village, NY

IT Consultant   September 2020
- Helped set up computer labs and laptops for the reopening of the school during COVID19 to ensure technology availability for students to learn with.

New York Chinese School   New York, NY

Teacher's Assistant   May 2015 – September 2015
- Aided the teacher in teaching and ensuring the safety of 40 kids.

Chinese American Planning Council   New York, NY

Data Intern   June 2014 – August 2014
- Quickly organize files in Excel and Word as well as assisting senior co-workers in their database needs.