

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, JQuery, HTML, CSS, Bootstrap, MariaDB, MySQL.

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

Spoken Languages: Mandarin, Cantonese, Taishanese (Native)

PROJECTS

Valorant Sheet – [GitHub](#) 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.

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.

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

Teacher's Assistant

New York, NY
May 2015 – September 2015

- Aided the teacher in teaching and ensuring the safety of 40 kids.

Chinese American Planning Council

Data Intern

New York, NY
June 2014 – August 2014

- Quickly organize files in Excel and Word as well as assisting senior co-workers in their database needs.