Yifang(Michael) Chen

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EDUCATION

Bachelor of Science in Computer Science, New York University Tandon School of Engineering   01/2021-12/2024
- GPA: 3.5/ 4.0
- Minor in Game Engineering and Math

Related Coursework, New York University Tandon School of Engineering   01/2021-12/2024
- CS-UY2214 Computer Architecture
- CS-UY3113 Game Programming
- DM-UY2193 Web Development
- CS-UY2124 Object-Oriented Programming in C++

PROFESSIONAL EXPERIENCE

Java Development Intern, **Google Shanghai**, Remote   12/2022-02/2023
- Configure the dependencies for the SpringBoot project
- Construct the login interfaces with token validation, saving the sessions
- Handle the data in non relational database SQL and the data format was in JSON
- Use MyBatis3 to configure and manipulate the database
- Use Java basics to develop the logic of the program, such as Java Multithreading, Java Util Package, JVM, Data Structure and Computer Networking

Software Developer, Smart Wearable Bio-Tracker for TeleRehab and TeleMonitoring, NYU, Brooklyn   01/2023-05/2023
- Using Python Flask to handle the backend of our data produced from a Machine Learning Model
- Using ReactJS to display the data from backend to frontend
- Using Unity 2D to translate hand gesture signal to control signal to move the bunny in my game design

Unity Game Design, NYU Game Lab, NYU, Brooklyn, NY   01/2023-05/2023
- Marble Maze: Created by Unity3D, solve the maze by controlling the ball. WebGL supported
- Shmup: Created by Unity 2D, traditional Shmup game, space ships fighting enemies. WebGL supported
- ZombieShmup: Created by Unity 2D, themed Shmup game with Zombies, player needs to kill the zombies and get to the portal. WebGL supported
- SheepAdventure: Created by Unity3D, This is a 3d adventure game where the player is a sheep that navigates through left clicks. Avoid the moles, penguins, flowers, and red walls. WebGL supported
- LavaEscape: Created by Unity 2D, Lava Escape is a 2D platformer where you have to run through dangerous caves and fight enemies to find the tough skeleton king and defeat him to escape his fiery domain.
- TowerDefense: Created by Unity 2D

SKILLS

Language Skills: Native Mandarin, Proficient in English, Some Literacy in Spanish
Computer Skills: C/C++, Python, Java, HTML5/CSS/Javascript, React.js, Unity 2D/3D, Spring, SpringBoot, MyBatis, SQL, Swift, x86 Assembly Language, and Microsoft Word, Excel, PowerPoint