

SHENG 'JEFF' GUO

Brooklyn, New York 11228
(516) 451-3862

<https://sguo.tech> | <https://github.com/JGuo99> | <https://linkedin.com/in/guojeff99> | jguo0310@gmail.com

PROFILE

Jeff is a software engineering graduate who has acquired experience with mobile, web, desktop, and AR/VR development. He has over 6 years of development experience and produced robust code for multiple projects. He specializes in full-stack and mobile development but is excited when new opportunities arise to work on other development platforms. He has delivered a well-developed product efficiently with excellence under a limited time.

EDUCATION

M.S., Applied Urban Science and Informatics

New York University (NYU)

08/2021 - Present

New York City, New York

B.S., Computer Science | Minor in Business Administration

The University of Illinois at Chicago (UIC)

08/2017 - 05/2021

Chicago, Illinois

Relevant Courses

- | | | |
|-----------------------|----------------------|--------------------------|
| ❖ Data Structures | ❖ Computer Vision | ❖ Accounting |
| ❖ Software/UI Design | ❖ Database Systems | ❖ Finance |
| ❖ Computer Algorithms | ❖ Mobile Development | ❖ Business Project Mgmt. |

SKILLS

Technical		Soft		Language	
Java	JavaScript/jQuery	Agile Methodol.	Collaboration	English	(Native)
C, C++	Django/PHP	Database Mgmt.	Dedication	Mandarin	(Professional)
Python	HTML/CSS/SASS	Project Mgmt.	Punctiliousness	Hokkien	(Social)
SQL	Android Studio Dev.	Adaptability	Leadership		

PROJECTS

The Unbeatable Tic-tac-toe

11/2019 - 12/2019

- Learned to develop efficiently in a team through Agile development methodology.
- Used asynchronous programming to handle threading to avoid deadlocks between multiple clients inputs.
- Utilized design pattern (observer) for server logic to allow players to join and leave without causing issues.
- Wrote the AI logic with the Min-Max algorithm, server/client logic with Java, and case test with JUnit.

Personal Full-Stack Website

12/2019 - Present

- Dynamically populates the page with HTML, SASS, jQuery, JavaScript, PHP, and MySQL for the database.
- Created an admin registration form with a security lock (prevent unauthorized users from registering).
- Admin page allows easy data manipulation (CRUD) to the database. Enable the ability to add/delete/update data without going through the code every time.

The Fun Center - Mobile Development

09/2020 - 12/2020

- Understand the workings of activities, intent, broadcast, and services in mobile development.
- Learned the dangers of permission, the security risks, and how to prevent them from happening to users.
- Worked with asynchronous/synchronous threads and used different design patterns in mobile dev.
- Responsible for writing thread-safe, foreground/background services, and avoid/prevent security vulnerability to users.