

Qianxing Ou

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EDUCATION

Bachelor of Science in Computer Science The City College of New York, New York, NY GPA 3.75 May 2022

RELEVANT COURSEWORK

- Data Structure, Algorithms, Software Design Lab, Probability & Statistics for Computer Science, Introduction to Database Systems, Software Engineering, Programming Language Paradigms, Topics in Software Engineering, Image Processing

SKILLS

- Programming Languages: Java, Python, C++ , HTML/CSS, PHP, JavaScript
- Framework and Tools: Django, React, Visual Studio Code, GitHub, MySQL, PostgreSQL, JavaFx, IntelliJ IDEA, PyCharm, Android Studio, Code::Blocks

PROJECTS

- **Topics in Software Engineering: Movie Flicks** Spring 2021
 - Used React and Next.js to build a Flicks which displays the details of movies and TV shows using the Movie Database API.
- **Topics in Software Engineering: Photoshare** Spring 2021
 - Used Python and Django to build a photo sharing application.
 - Allows users to sign up for an account, make posts and comment on an existing post.
- **Software Engineering: Online Restaurant** Fall 2020
 - Collaborated and communicated with team members to design an online-restaurant application.
 - Enables users to order dishes, rate chefs and file complaints/compliments to the chef.
 - Allows superusers to demote/promote a worker and handles customers' complaints/compliments.
 - Tools: PHP, HTML/CSS, MySQL.

WORK EXPERIENCE

- **Tarifica, New York, NY** Summer 2021-Present
Software Engineer Intern
 - Design, and rebuild scraper software to extract data from different telecom websites.
 - Maintain scraper software to ensure data integrity.
 - Optimize and revise code to improve its robustness and readability.
 - Tools: Python , BeautifulSoup, Selenium, Django, Flask, PostgreSQL, MySQL.
- **Great Neck Healthy Food, Inc, New York, NY** Summer 2019
Summer Youth Employment Program: Retail Associate
 - Improved communication skills by explaining the usage of the product to the customers.

EXTRACURRICULAR ACTIVITIES

- **CodePath.org** Spring 2021-Summer 2021
 - Attended 12-week program during the spring semester which involved designing android applications that are similar to Flixster, Twitter and Instagram.
 - Attended 12-week program during summer to prepare, review and solve challenging algorithms problems.
- **The Grove School of Engineering** 2019
 - Completed the Engineering Leadership Certificate Program which taught essential work ethics as an engineer.