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 softwares to extract data from different telecom websites.
  - Maintain scraper softwares 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 University : Android University**   Spring 2021
  - Attended 12-week program which involved designing android applications that are similar to Flixster, Twitter and Instagram.
- **The Grove School of Engineering**   2019
  - Completed the Engineering Leadership Certificate Program which taught essential work ethics as an engineer.

VOLUNTEER ACTIVITIES

- **Geometry and English Tutor**   2015-2018
  - Worked with assigned students to improve their academic performance in Geometry class and English as a Second Language class.