

# Lehan Ouyang

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Active **Secret** Security Clearance

## EDUCATION

**New York University**, *Tandon School of Engineering*.

Expected Graduation: December 2023

- Major: Computer Engineering; 3.8 GPA
- Served active duty in the United States Marine Corps in late 2019, delaying expected graduation date

*Relevant Courses:* Python & Problem Solving, Data Structure and Algorithm, Data Visualization and API, SQL, Data Analysis, Object Oriented Programing, Discrete Mathematic

## SKILLS

Python/Javascript/Java/Swift | REST API | SQLite/MongoDB | Data Structure | Agile/Express/Flask | React/Node |

## PROFESSIONAL EXPERIENCE

### Kyndryl

May 2022 – August 2022

*Software Development Intern*

Rochester, MN

- Designed and deployed full-stack wizard which streamlines time efficiency for data collection by 40%. Generic wizard components reusable by other internal tool development using React, D3, Carbon Design System, and Socket.io.
- Created 3+ web app changes accepted into production
- Coached by IBM/Kyndryl software engineers on Agile, CI/CD, Git and microservice patterns
- Coordinated and lead meetings with clients, manager and team members

### Alonesy

January 2022 – Present

*Software Developer*

Richmond, VA

- Contributed to the development of a react native mobile application that provide teens with support through a safe, confidential, and free online platform.
- Collaborate with development team to transition the app to React Native using Redux
- Maintained AWS infrastructure though ClickOps
- Document and organized technical information with Confluence and Github

### Rayon Inspection Company

May 2021 – August 2021

*Software Development Volunteer*

East Elmhurst, NY

- Built RESTFUL API with Python Flask which serves data to HTML front-end based on dynamically chose user input that handled over 1000 customers
- Provided project update to production manager, and brainstorm design ideas
- Diagnosed and resolve issues causing slow speeds in applications, documents such process to improve SQLite database query system

## PROJECTS

### NYU Augmented Library VIP, Spine Sub-Team Member

September 2021 – Present

- Developing server-side system with Python Flask for IOS/Android application as a “central hub” for 50,000+ Dibner Library user to access e-textbook access, study room reservations, and many other resources.
- Reduce workflow inefficiencies by 30% by devising query optimization to improve data collection

### Task Manager API, Personal Project

December 2021 – Present

- Web application processes API calls to perform standard HTTP methods consist of reading, creating, editing, and deleting tasks.
- Backend constructed with Express.js framework utilizing Atlas cloud database
- React front-end serving HTML static content

## LEADERSHIP AND DEVELOPMENT

**Fire Team Leader:** Underwent an instructional course and seminar on how to effectively lead Marines in high stress situations and currently delegates critical tasks to 3 Marines

**Tutor:** Developed study plan for 5+ students that improved test scores by an average of 30%