

# Jiayu Ouyang

Tel 929-235-2570 | ✉ jiauyuoy@gmail.com

## EDUCATION

**Baruch College, City University of New York**

**Aug 2022 - May 2026**

Bachelor of Business Administration, Computer Information Systems

Concentration: Data Analytics | GPA: 3.98/4.0

Minor: Psychology, Quantitative Methods and Modeling

### Relevant Coursework:

- Database Management Systems
- Object-Oriented Programming
- Programming and Computational
- Data Mining for Business Analytics

## RELEVANT EXPERIENCE

**Metropolitan Transportation Authority**

**Jun 2025 - Present**

*Database Administration Intern*

Brooklyn, NY

- Troubleshoot database systems to support Infrastructure Capital Construction projects
- Prepared and developed Synopsis reports to help executive team make strategic decisions
- Prepared Roster reports to help project managers monitor labor utilization
- Collaborated with financial department to ensure accurate project spent

## SUPPORTING EXPERIENCE

**Kam Primary Care**

**Sep 2022 – Sep 2025**

*Medical Receptionist*

Bayside, NY

- Assisted in the registration of new clients on the MDland system
- Respond to patients' inquiries 1K+ phone calls regarding appointment availability, prescription, lab reports, insurance eligibility

**CUNY Career Launch Program**

**Jul 2024 - Dec 2024**

*Document Processor Intern in Micki Garcia Realty*

New York, NY

- Maintained up-to-date text messages to applicants about affordable housing resources
- Prepared a paper application letter for eligible applicants
- Effectively organized tenants' leftover belongings after property vacancy

## PROJECT

**Nonprofit Donation Management System | Baruch College**

**Sep 2024 - Dec 2024**

- Designed a relational database for GiveWise, to track donation histories
- Applied normalization (1NF-3NF) to tables and drafted an ERD model in Lucidchart
- Wrote SQL queries to create tables and constraints (primary & foreign keys)

## CERTIFICATION

**Codepath Cybersecurity Course**

**Feb 2025 - Apr 2025**

- Applied Cyberchef to decode and analyze data for CTF (Capture the Flag) challenges
- Deployed virtual machines using Ubuntu VM to isolate testing environments for security analysis
- Used SSH keys and openssl to encrypt and decrypt a textfile

## TECHNICAL SKILLS

Languages: Python (Pandas, Numpy, Matplotlib, Seaborn), SQL, C++

Tools: MySQL, PyCharm, Colab, Excel, Adobe Photoshop

Frameworks: GitHub, VMware