

# **Yingqi Liu**

+1 (929) 767-5245 | [yliu032@citymail.cuny.edu](mailto:yliu032@citymail.cuny.edu)

## **EDUCATION**

### **The City College of New York**

*The Grove School of Engineering, Master of Science*

*New York, USA*

*Expected June 2027*

- Major: Computer Science
- Relevant Courses: Advanced Algorithms, Database Systems, Computer Vision
- Cumulative GPA: 3.9

### **Dalian University of Technology**

*(National Demonstration) School of Software Technology, Bachelor of Engineering*

*Dalian, China*

*June 2025*

- Major: Software Engineering
- Relevant Courses: Mathematics for Computer Science, Data Structure and Algorithm, Database System, Operating System, Computer Network, Software Engineering
- Cumulative GPA: 3.68

## **HONORS & REWARDS**

- |  |                       |
|--|-----------------------|
| • National Encouragement Scholarship, <i>Ministry of National Education (Top 3%)</i> | <i>December 2024</i>  |
| • Learning Excellence Scholarship, <i>Dalian University of Technology (Top 20%)</i>  | <i>December 2024</i>  |
| • National Encouragement Scholarship, <i>Ministry of National Education (Top 3%)</i> | <i>November 2023</i>  |
| • Technology Innovation Award, <i>Dalian University of Technology (Top 4%)</i>       | <i>September 2022</i> |
| • Mathematical Contest In Modeling (MCM) Meritorious Winner, <i>COMAP (Top 7%)</i>   | <i>May 2022</i>       |

## **PROJECT EXPERIENCE**

### **Neusoft Corporation - Bug Management System**

*Corporate-Led Practicum*

*Dalian, China*

*September 2024 – December 2024*

- **Impact:** This project was piloted within Neusoft and effectively improved the project team's efficiency
- Tools Used: Java, Spring/Spring Boot, SQL
- Description: Collaborated with a team under Neusoft staff guidance to develop a backend-focused bug management system
- Project repository available at: <https://github.com/YingqiLiu3/Neusoft-Bug-Management-System>

### **Design of Image Recognition Algorithm**

*Undergraduate Innovation Project*

*Dalian, China*

*March 2023 – April 2024*

- **Impact:** This project was rated as a national-level project and received a project funding of 5,000 Chinese yuan
- Tools Used: Python, Pytorch, VHDL, Shell
- Our project deployed an image detection algorithm model on the PYNQ-Z2 board. It can capture a person's face through a camera, determine whether the person is wearing a mask
- Project repository available at: <https://github.com/YingqiLiu3/ImageRecognition-Models-On-PYNQ-Z2>

## **SUMMARY OF QUALIFICATIONS**

- **Programming Languages:** Java, Python, C/C++, SQL
- **Frameworks & Libraries:** Spring Boot, PyTorch
- **Developer Tools:** Git, Linux, Shell
- **Languages:** Mandarin Chinese (Native), English (Fluent)