

# ALFRED LEONG

alfred.leong@baruchmail.cuny.edu | (347) 593-5438 | Queens, NY

## EDUCATION

### Baruch College

*Bachelor of Science, Computer Science and Financial Mathematics*

**New York, NY**

*Expected May 2027*

*Related Coursework: Data Structures and Algorithms, Linear Algebra, AP Computer Science A*

*GPA: 3.95/4.0*

## SKILLS AND INTERESTS

**Computer:** C++ (*Intermediate*), Python (*Intermediate*), Java (*Intermediate*)

**Languages:** Cantonese (*Conversational*), Japanese (*Conversational*)

**Interests:** Recreational Weight Lifting, Running long and short distance, Recreational Gymnastics (Rings)

## PROJECTS

### Anti-NSFW Discord Bot

*Jul 2022 - Aug 2022*

- Engineered a high-performance Discord bot for real-time detection and removal of NSFW images
- Designed and implemented a convolutional neural network model with Python TensorFlow, trained on 40+ GB of image data
- Achieved over 90% accuracy in NSFW image detection, significantly enhancing server content moderation

### Sudoku Solver

*March 2022 - April 2022*

- Implemented an efficient Sudoku solver using recursive backtracking algorithm in Java
- Achieved solving times of 17 milliseconds for average puzzles and 64 milliseconds for extremely difficult ones

## PROFESSIONAL EXPERIENCE

### Hunter-Bellevue School of Nursing

**New York, NY**

*Nursing Lab Assistant*

*Nov 2023 - Present*

- Managed and optimized simulated patient care environments, ensuring readiness for nursing students' practical training
- Implemented an efficient inventory management system for medications and lab equipment
- Conducted regular maintenance and cleaning of high-fidelity nursing simulation mannequins

### DaNutri Medical Nutrition Consulting Center

**New York, NY**

*Nutritional Clinical Intern*

*Jul 2023 - Aug 2023*

- Developed comprehensive nutritional analyses using Nutritionist Pro software under dietitian supervision
- Produced two educational videos explaining the role and importance of nutritionists, which were viewed by over 50+ clients
- Shadowed patient consultations, gaining practical experience in nutritional counseling and assessment techniques

### Hyatt Place

**New York, NY**

*Front Desk Receptionist*

*Jul 2022 - Aug 2022*

- Collaborated with housekeeping and maintenance teams to ensure room readiness and address guests in a timely manner
- Expertly managed reservations using Opera PMS and Colleague Advantage systems, ensuring accurate bookings and maximizing room occupancy
- Assisted with check-ins and check-outs, processing payments and explaining hotel amenities

## CERTIFICATIONS

**Google IT Automation with Python**

*Feb 2023 - May 2023*

**Google Cybersecurity**

*May 2023 - Aug 2023*

## HONORS AND AWARDS

**AP Scholar with Distinction**

*June 2022 - June 2023*