Qingyu Mo (Serene)   (+1) 646-238-2007   qm348@nyu.edu

Education
New York University, College of Arts and Sciences, New York, NY   May 2022
Bachelor of Arts, Mathematics and Computer Science
Relevant Course: Computer System Organization, Data Structures, Intro to Computer Simulation, Linear Algebra, Analysis, Discrete Mathematics, Calculus III, Ordinary Differential Equations
Current GPA: 3.958
Wuxi Big Bridge Academy, International School, Wuxi, China   June 2018

Relevant Experiences
Technical Student Specialist in Academic Application Development, **NYU IT**, NY   June 2019 up to now
- Responsible for services under Academic Application Development
- Assist in tasks with Linux related to automated testing, environment scripting, DevOps pipeline enhancement, and client support for applications

Internship in Risk Management Department, **Bank of China,** Wuxi   July 2017 to August 2017
- Learned basic processes for analyzing risks in project loans and liquidity loans
- Evaluated cases with the help of manager and mastered the Excel skill for data assess
- Wrote four primary reports for case analysis and made final presentations

Relevant Projects
Research Project on **Website Design,** NYU, NY   December 2018 up to now
- Design a Diet Optimizer Website providing nutritionally sound diet catering the user's desires
- Address problems on existing diet planner websites of inefficiency and preference lack
- Choose MySQL as relational database management system

Research Project on **Big Data Analysis,** BBA, Wuxi   September 2016 to January 2017
- Wrote java code to extract and download real-time AQI value from the website of 10 cities in China
- Used the Ordinary Least Squares Regression to make prediction
- Used multivariable linear regression to build a model predicting the AQI value
- Found out the industry discharge as one of the major factors influencing air quality in China

Class Projects on **Math Modeling**, NYU, NY   Spring 2019
- Model Epidemics Spread with Spatial and Time Approaches and Agent-based SEIR Model
- Model Swing Motion with Diverse Center Mass and Frequency Variables

Leadership Activities
Consultant, **EmpowerED, NYU**   February 2019 up to now
- EmpowerED is an education nonprofit organization based at NYU that fights for education equity

Translator and Volunteer, **GO Project, NYC**   December 2018 up to now
- GO Project provides low-income New York City public school children with critical academic, social, and emotional support starting in the early elementary years

Class President, **Wuxi Big Bridge Academy**   September 2016 to April 2018

President, **Big Bridge Academy Publicity Department of Student Union**   April 2016 to April 2017

Awards and Honors
NYU **Presidential Honors Scholar**
Individual ranked **9th** in the Eastern China in 2017American Regions Mathematics League
Top 25 percent in 2017 Euclid Contest organized by University of Waterloo
Tenth level in Piano Subject of Arts Grade Examination

Computer Skills
Microsoft Office, Java, C++, Python, HTML, JavaScript, CSS, MATLAB, Linux Operating System