

Xiao-Yue Gong

xygong@mit.edu | 1-6466249940 | www.mit.edu/~xygong

EDUCATION

GRE:337/340, GRE Math Subject: 900

Massachusetts Institute of Technology	2017.8-present Boston
Operations Research (Ph.D.)	GPA: 5.0/5.0
New York University Shanghai,	2013.6-2017.5 Shanghai
Honors Mathematics (B.S.)	summa cum laude
Interactive Media Arts (B.S.)	
New York University New York, Phi Beta Kappa	2015.8-2017.1 New York
Budapest Semesters in Mathematics	2015.6-2015.8 Budapest
New York University Tel Aviv	2014.7-2014.7 Istanbul
Tel Aviv University	2014.6-2014.7 Tel Aviv
Business Entrepreneurship Program	
No.2 High School of East China Normal University	2010.8-2013.6 Shanghai
Lake Forest High School Exchange Program	2011.9-2011.10 Illinois

PROFESSIONAL

Research Assistant	2017.8-present
MIT Operations Research Center	
Coauthored "A Fast Max Flow Algorithm" with Prof. Jim Orlin. Submitted.	
Researcher	2017.6-2017.8
NYU Shanghai Computer Science Lab	
Coauthored "Efficient Entropy for Policy Gradient with Multi-Dimensional Action Space" accepted at Sixth International Conference on Learning Representations (Workshop Track).	
President	2016.5-2017.1
NYU Mathematics Society	
Arranged weekly math talks; Organized participation in conferences and competitions; Strengthened NYU's math community of undergrads, grads and faculty.	
TA/Tutor/Grader	2015.9-2017.1
NYU Courant Institute of Mathematical Sciences	
For Introduction to Web Development and Programming, Calculus I, and Linear Algebra.	
Legal Summer Intern	2014.7-2014.9
Citibank (China) Co. Ltd.	
Legal research; Litigation case updates; Preparation of checklists, guidance notes, expense reports and transaction summaries; Presentation assistance and office support; Analysis of legal terms and cases.	
Co-Organizer	2014.5-2014.12
HackShanghai	
Inaugurated NYU Shanghai's official hackathon; Hardware support; Sponsorship; LegaL.	
Resident Assistant	2014.8-2015.5
NYU Shanghai	
First-Responder to emergency and crises in the Residence Hall; Organization of university/floor events; Special community building for fostering personal growth of residents.	
Founder	2015.9-present
Aeolian	
NYU Reynolds Changemaker Challenge Best Overall Venture.	

EXTRACURRICULAR

Delegate	2016.8
Youth Assembly at the United Nations	
Attendance as a delegate sponsored by New York University; Received Resolution Fellowship at the Youth Assembly at the United Nations.	
Presenter	2017.11-2018.1
MIT Women's Initiative	
Presented at middle/high schools in Texas to encourage young girls to explore careers in STEM.	
Founder&Vice President	2014.8-2015.5
NYUSH Xiao Long Shaker Dance Club	
Organization of volunteer dance workshops for kids and homeless people; Connecting with local communities; Performance management.	
Soccer Player	2014.1-2015.5
NYUSH Women Soccer Team	

AWARDS & SCHOLARSHIPS

- 1 of 14 Rhodes Scholarships China finalists
- MIT IDEAS Global Challenge winner (2018)
- MIT Bitcoin Hackathon ARCC Prize (2018)
- NYU Shanghai Provost's Award (2017)
- Major Honors in Honors Mathematics (2017)
- Resolution Fellowship at Youth Assembly at the United Nations (2016)
- NYU President's Service Award (2016)
- Courant Institute Summer Undergrad Research Experience Grant (2016)
- Dean's Undergrad Research Fund (2016)
- Venturewell Entrepreneurs-Team (2016)
- NYU Reynolds Changemaker Challenge Winner
- Autodesk IMA Smart Home Design Challenge Winner (2015)
- Israeli Government CPB Scholarship (2014)
- Resident Assistant Scholarship (2014)
- Dean's List & Recognition Award (2013-2017)
- Intel 26th Shanghai Adolescents Science&Technology Innovation Fair First Prize