

Xiao-Yue Gong

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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, major honors
Interactive Media Arts (B.S.)	
New York University New York	2015.8-2017.1 New York
New York University Tel Aviv	2014.7-2014.7 Istanbul
Budapest Semesters in Mathematics	2015.6-2015.8 Budapest
Tel Aviv University (Business Entrepreneurship Program)	2014.6-2014.7 Tel Aviv

PROFESSIONAL

Research Assistant	2017.8-present
MIT Operations Research Center	
Ph.D. Candidate since May 2019.	
Research Intern	2020.5-2020.8
Microsoft Research AI (Redmond)	
Worked on cloud operations research.	
Quantitative Analyst Intern	2019.5-2019.8
D.E. Shaw	
Conducted research on commodity futures.	
Teaching Assistant	2020.2-2020.5
MIT	
Teaching assistant for 15.077 Statistical Learning and Data Mining, with the students being a mixture of PhDs, MBAs, masters and undergrads.	
Instructor	2019.1-2019.1
MIT	
Co-instructed PhD/master course 15.S60 Computing in Optimization & Statistics, and undergrad course 15.S41 Software Tools for Business Analytics.	
Research Assistant	2017.6-2017.8
NYU Shanghai Computer Science Lab	
Coauthored paper accepted at 2018 ICLR Workshop.	
President	2016.5-2017.1
NYU Mathematics Society	
Arranged weekly seminars; 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.	
Summer Legal Intern	2014.7-2014.9
Citibank (China) Co. Ltd.	
Legal research; Litigation case updates, etc.	
Founder	2015.9-present
Aeolian	
Founded a smart indoor air-purification/monitoring social venture; Product development; Management.	

PUBLIC OUTREACH & COMMUNITY

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.	
Delegate	2016.8
Youth Assembly at the United Nations	
Delegate sponsored by NYU; Awarded Resolution Fellowship at the Youth Assembly.	
Co-Organizer	2014.5-2014.12
HackShanghai	
Inaugurated NYU Shanghai's official hackathon; Hardware support; Sponsorship; Legal support.	
Founder&Vice President	2014.8-2015.5
NYU Shanghai XLS Dance Club	
Organized volunteer dance workshops for kids and homeless people; Connecting with local communities.	
Soccer Player	2014.1-2015.5
NYUSH Women Soccer Team	

AWARDS & SCHOLARSHIPS

- Best Student Talk award at LIDS Student Conference 2019
- 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)
- Resolution Fellowship at Youth Assembly at the United Nations (2016)
- NYU President's Service Award (2016)
- Courant Institute Summer Undergraduate Research Experience Grant (2016)
- Dean's Undergraduate Research Fund (2016)
- Venturewell Entrepreneurs-Team (2016)
- NYU Reynolds Changemaker Challenge Winner (2015-2016)
- 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