

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 , summa cum laude	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
Professor Jim Orlin. Submitted.

Quantitative Research Intern 2019.5-2019.8
D.E. Shaw
Conducted quantitative research at D.E. Shaw.

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 "Efficient Entropy for Policy Gradient
with Multi-Dimensional Action Space" accepted at
2018 ICLR (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; Analysis of
legal terms and cases; Presentation assistance.

Co-Organizer 2014.5-2014.12
HackShanghai
Inaugurated NYU Shanghai's official hackathon;
Hardware support; Sponsorship; LegaL.

Founder 2015.9-present
Aeolian
Founded a smart indoor air-purificatin/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
Attendance as a delegate sponsored by New York
University; Received Resolution Fellowship at the
Youth Assembly at the United Nations.

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