

Julie Zhang

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EDUCATION

Expected May 2020

Massachusetts Institute of Technology Cambridge, MA
Major: Mathematics Minor: Economics
GPA: 4.9/5.0

WORK EXPERIENCE

June 2019 - Aug 2019

Akuna Capital

Position: Trading Intern

- Traded Options on a Live Market (CME LO)
- Developed Statistical Arbitrage based strategy for future use by firm
- Automated PnL and market share summaries using Python and Excel

Sept 2018 - May 2019

MIT Office of Minority Education

Position: Lead Seminar Facilitator

- Taught Multivariable Calculus and Linear Algebra to undergraduates for credit
- Organized weekly curriculum for Multivariable XL classes

Sept 2017 - May 2018

Auric Investments

Position: Technical Analyst Intern

- Performed data analysis for use in trading algorithms
- Assisted in stress testing and mathematical checks for main strategy

June 2016 - Aug 2016

BioUrja Trading

Position: Trading Intern

- Researched and evaluated market drivers using statistical methods
- Enhanced software tools for Gas Desk P&L Booking using EViews
- Responsible for daily market fundamental updates

RESEARCH EXPERIENCE

June 2018 - Aug 2018

MIT Sloan School of Management

Position: Undergraduate Researcher

- Data Analytics
- Cyber Security Incident Response
- Prospective Investor Relations

June 2017 - Aug 2018

Harvard Medical School

Position: Undergraduate Researcher at the Church Lab

- Worked to generalize viral protein catalyzed recombination across species
- Designed, assembled, transformed, and sequenced DNA (Sanger and NGS)
- Statistical analysis and writing for use in final publication

RELEVANT COURSES

Statistics for Applications, Statistics for Finance, Microeconomics and Public Policy, Combinatorial Analysis, Complex Analysis, Probability and Random Variables, Econometrics, Game Theory, Optimization Methods in Business Analytics

ACTIVITIES

Aug 2016 - Aug 2018

SWS Women in Finance at MIT

Position: Executive Board Member (Logistics Chair)

- Organized educational seminars for new members
- Coordinated logistics for fundraising

TEST SCORES

SAT: 2280 **SAT II Math II:** 800 **SAT II Chemistry:** 800 **ACT:** 35

AWARDS

Rice University Euler Mathematics Tournament Calculus

Placement: 10th

SKILLS

Languages: English, Spanish, Chinese

Software: Python, Excel, Mathematica, LaTeX, EViews, R