

GUANG CUI

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA Bachelor in Computer Science and Mathematics	2018 - 2022 GPA: 4.60
Montgomery Blair High School, Silver Spring, MD Math, Science, Computer Science Magnet Program	2014 - 2018 GPA: 4.74

EXPERIENCE

Quantitative Trader at Five Rings Capital Developed and implemented quantitative trading strategies using statistical models, machine learning algorithms, and advanced data analytics. Monitored real-time market data and executed trades across various asset classes.	2023 - 2024
Software Development Intern at Facebook Front-end work using React and Javascript and backend work on the Instagram Web team.	2021
Quantitative Trading Intern at Jane Street Used Python/Excel to predict returns of stocks/commodities based on moves in related companies.	2021
Cofounder of Prossier Used machine learning and Bayesian classification on Tweets to determine public perception on opening states. Coded iOS app Dista to promote social distancing in construction work sites.	2020
Trading Intern at Akuna Capital High-frequency traded crude oil options using market making strategies. Studied and applied options theory (greeks, volatilities). Researched volatility changes during events and produced new strategies.	2019
Math, CS, Physics Research Intern at University of Maryland Ramsey theory with Prof. Bill Gasarch using Java. Presented at refereed conference (FUN with Algorithms) and published paper. Supersymmetry with Prof. Jim Gates, derived new Adinkra coeffs.	2015 - 2017

ACTIVITIES

American Ninja Warrior Competitor (Seasons 13 , 14 , 16)	2021 - 2024
Debut Hip-hop Album <i>When We Get Big</i> (6 songs, link)	2021
Rap Single "I'm Rich Too" (2500+ streams, link , concert)	2017
MIT Asymptones A Cappella & Music Production Collaborative	2018 - 2022
All-State Orchestra Violinist, MBHS Varsity Swim Team, Club Basketball	2014 - 2018

LEADERSHIP

MIT Sloan Business Club: Managing Director of Entrepreneurship	2020 - 2022
MIT Ninja Warrior Club Founder	2021 - 2022
MBHS Math Team Captain & Physics Team Captain	2016 - 2018

ACADEMIC ACHIEVEMENTS

USA Computing Olympiad Platinum Division	2015 - 2016
Siemens Research Competition Semifinalist	2016
USA Mathematics Olympiad Qualifier	Apr 2017
Carnegie Mellon (CMIMC) 1st Place Computer Science Individual	Jan 2017