BRIAN JIANG
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EDUCATION

The University of Chicago, Chicago, IL, *B.S. in Computer Science, B.S. in Mathematics*   Expected June 2028
Relevant Coursework: Analysis in Rn I, Systems Programming I-II, Abstract Linear Algebra

Princeton High School, Princeton, NJ, GPA 4.0/4.63 (Unweighted/Weighted)   September 2020—June 2024
Relevant Coursework: Numbers, Equations, and Proofs (Princeton University)

Technical Skills: Python, Java, C, JavaScript, React Native, Git, PowerPoint, Excel

EXPERIENCE

Cisco, *Extern*   New York, NY, July 2023—August 2023
- Developed a portfolio decarbonization algorithm using natural language processing & linear regression on web-scraped ESG data, earning 2nd place in Cisco's Capstone Project
- Earned certifications in cybersecurity, IoT, & data science

PROJECTS & TECHNICAL EXPERIENCE

Coding Flora, *Frontend Developer*   University of Chicago, January 2025—Present
- Developed and optimized GUI elements in React Native, improving UI responsiveness and user engagement
- Implemented features such as scrolling shadows, a show-hint option, and a daily progress calendar

Algo Group, *Member*   University of Chicago, October 2024—Present
- Engaged in algorithmic problem-solving sessions, focusing on competitive programming techniques and data structures

Maroon Capital, *Member*   University of Chicago, October 2024—Present
- Developed a quantitative trading strategy using mean reversion, news sentiment analysis, and analyst sentiment weighting
- Participated in lectures and workshops covering quantitative finance, asset classes, and market strategies

Phoenix Funds, *Member*   University of Chicago, October 2024—Present
- Conducted Discounted Cash Flow valuations and risk assessments for stock pitches, including Netflix analysis
- Networked with professionals in investment banking, hedge funds, and financial research

LEADERSHIP & HONORS

Lockheed Martin Code Quest 2023 — 1st place (out of 525 teams)

University of Pennsylvania PClassic 2022 — 2nd place (out of 31 teams)

USA Computing Olympiad — Silver Division

National Merit Scholar 2023

Computer & Robotics Club, *President*   Princeton High School, September 2021—June 2024
- Led 20+ members to win Best Engineering Practice (2022) and Best Hardware Design (2023) at RoboCup Jr. USA
- Organized weekly lessons in CAD, circuitry, and software development for robotics competitions
- Conducted introductory robotics workshops at Princeton Public Library

Princeton Gardening, *Founder & President*   Princeton High School, September 2023—June 2024
- Partnered with Morven Museum & Garden, Historical Society of Princeton, and Riverside Elementary to promote community gardening
- Led weekly work sessions and grew crops for farmers' markets and food pantries

ADDITIONAL INFORMATION

Languages: English (native), Chinese (proficient), French (proficient)
Extracurriculars: BridgePHS (Co-President), Princeton High School Fencing Team (Varsity), Fruity Yogurt (Barista/Cashier)