Nathaniel Bier

New York, NY | nathaniel.bier@columbia.edu | LinkedIn | nathanielbier.com

EDUCATION

Columbia University — **New York, NY**
Bachelor of Arts in Applied Mathematics — Expected May 2030
- **SAT:** 1550
- **F26:** Calculus III, Calc-Based Intro to Statistics, Literature Humanities, University Writing

Eton College — **Eton, United Kingdom**
A-Levels and GCSEs — Sep 2019 – Jun 2024
- **A-Levels:** Mathematics (A*), Further Mathematics (A), Physics (A), History (A)
- **GCSEs:** 11x A*s

WORK & LEADERSHIP EXPERIENCE

Singapore Civil Defence Force — **Singapore**
Lieutenant, Advanced Firefighting Branch — Oct 2024 – Aug 2026
- Commissioned as 1 of 2 from a 400-person enlistment intake (top 0.5%) to serve as a senior officer.
- Ranked 1st of 45 in a 29-week command and control program covering 40+ scenario exercises.
- Earned a diploma in Advanced Emergency Response and official certification as a HazMat Specialist.
- Led a team of 6 across 24-hour shifts at Alexandra Fire Station, responding to 50+ fires, cardiac arrests, road traffic accidents, and rescue incidents.

Independent Research — **Singapore**
Curieux Academic Journal — Jul 2025 – Feb 2026
- Published paper titled “Behavioural Biases and Irrational Decision-Making in Sports Betting”.
- Scraped data and analyzed historical betting odds and success rates for 1,900 football matches across five Premier League seasons.

Eton College & Holyport College Investment Club — **Eton, United Kingdom**
Senior Analyst — Sep 2022 – Jun 2024
- Covered the technology sector for a student-run fund managing a live portfolio of $50,000.
- Pitched equities to the investment committee for buy and sell decisions, building theses supported by competitive positioning and industry analysis.
- Monitored portfolio positions and updated theses on earnings and material news, flagging holdings for review by the investment committee.

Fareast Mercantile Company Limited — **Accra, Ghana**
Finance Intern — Jul 2022 – Aug 2022
- Supported finance function of a global import-export consumer goods distributor across inventory, expense, and credit workstreams.
- Built stock-depletion model comparing YTD sales velocity to stock value and quantity; identified overstocked SKUs and days of remaining cover.
- Evaluated customer credit limits against order and payment history; recommended adjustments to over-extended and overly restrictive accounts.

SKILLS, ACTIVITIES & INTERESTS

Skills: Mandarin (conversational), Excel (financial modeling, DCF, comparables, pivot tables)
Activities: Co-Founder, Columbia University Padel Club; Fundraiser, Heart Research UK (raised $5,000); Editor, *The Chronicle* (Eton’s principal publication, 160+ years); Eton College Varsity Football (soccer)
Interests: Chelsea FC, poker, prediction markets, sports analytics, tennis, skiing, gym, house music