Kaustuv Mukherjee

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Education

Princeton University *Aug 2022 – May 2026*
B.S.E. in Operations Research & Financial Engineering (Minors: Architecture, Computer Science) | GPA: 3.6/4.0
Relevant Coursework: Big Data, Networks, Optimization, Algorithms & Data Structures, Probability & Stochastic Systems, Decentralized Finance, Financial Accounting, Financial Investments, Financial Mathematics
Prospective Thesis: Modeling CitiBike Mobility as a Directed Graph with Magnetic Laplacians and Graph Neural Networks
Involvements & Achievements:

- McGraw Center Tutor: Lead study hall for Linear Algebra, Multivariable Calculus, and Physics (Mechanics/E&M)
- Brown Co-Op President: Lead a food cooperative serving 35 members; curate a social, student-led dining experience
- Winter Princeternship at CenterSquare Investment Management (Essential Service Retail, Real Estate)
- Grata Scholar With Distinction (Dec 2023): Graduated in top 10% of selective M&A PE/IB training program; practiced deal sourcing; developed an investment thesis/strategy; gave capstone investment pitch on EdTech SaaS

Work Experience

Midstory — Data Intern (Multimedia Solutions-Oriented Thinktank) *Jun 2025 – Aug 2025*

- Built dashboards and geospatial maps (Python, Tableau, ArcGIS) analyzing 50k+ U.S. Census immigration records
- Interviewed 10+ domain experts and conducted literature reviews, integrating insights with data for scholarly reports

GlossGenius — Business Operations Intern ($28M Series C Fintech Startup) *Jun 2024 – Aug 2024*

- Go-To-Market Team; optimized search spend; coded SQL queries on Looker with Snowflake backend to track lift
- Developed a programmatic OpenAI module MVP for blogs; grew offline Marketing Qualified Leads (MQLs) by 76%
- Fine-tuned Bayesian multi-touch attribution model; quantified Google SGE's projected impact on the SERP/SEO

High Meadows Environmental Institute — Research Intern, Interfacial Water Group *Jun 2023 – Aug 2023*

- Examined Bentonite clay properties at optimized water saturation levels to evaluate viability for CO_2 sequestration
- Modeled molecular dynamics of aggregate model by Lennard-Jones potential, Newton's laws, Coulombic force etc.
- Programmed atomic properties on Matlab/Excel; wrote simulation scripts on LAMMPS and visualizations on VMD

Great Lakes Wealth — Finance Intern (Asset Management Firm) *Feb 2022 – May 2022*

- Analyzed clients' wealth portfolios through Raymond James, Charles Schwab, and Aladdin (BlackRock) softwares
- Digitized 120+ client portfolios; engaged in client-facing investment decisions; built CRM pipelines through Salesforce

Leadership

Connect Me Tutoring & Mentoring (connectmego.org) — Co-Founder *Dec 2020 – Present*

- Established a 501(c)(3) free online tutoring platform for students K-8 in low-income/COVID-19 impacted families
- Expanded to 43 US states, 40,000 sessions, 30 chapters, and 10 partner organizations; manage team of 600+ members
- NBC News Making A Difference Award: Personally recognized for Connect Me's community impact during COVID-19
- Board of Directors: Deliver quarterly financial reports; Ran GoFundMe/financing round raising $11,000 for server fees

Rem and Company — Team Lead (Nonprofit Consulting Organization) *Feb 2023 – May 2025*

- Analyzed income statements, market positioning, and backlinks to reverse-engineer revenue drop for a Skincare startup
- Surveyed 350 students/faculty members for a market analysis report; examined cashflows to develop a competitive pricing model and improve bottom line for a local Bakeshop

The Daily Princetonian — Project Manager *Jul 2022 – Feb 2024*

- Oversaw Subscriber Operations; directed 700 issue copy deliveries cross-campus and nationwide to subscribers weekly
- Cold called and secured national sales of $41,000 for Frosh Issue advertisements; audited invoices on QuickBooks

Skills

Programming & Analysis: Python, R, MATLAB, SQL, Java, C, Solidity, HTML, CSS, Git
Software Tools: Google [Ads, GA4, Looker, Tag Manager], Hubspot, Ahrefs, CAD [Rhino 3D, PTC Creo, AutoCAD]
Areas of Interest: PCA-driven data visualization, convex optimization, graph neural networks, market matching theory