Eva Elizabeth Haque

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EDUCATION

University of Chicago   *June 2023*
    B.A. in Economics with Data Science Specialization
- Coursework towards minor in Computer Science and minor in Inequality, Social Problems, & Change

    Leadership
- President, *Women in Economics*
- VP of Diversity, Equity, & Inclusion, *The Women's Network*
- Board Member, *Multi-Ethnic Student Society*
- Mentor for high schoolers*, iMentor*

EXPERIENCE

Department of Finance, New York City   New York, NY
Tax Policy Data Analyst, Long-Term Projects & Quality Control Unit   *Nov 2023 - Present*
- Published internal and public analytical reports utilizing SAS, SQL, Python, ArcGIS mapping, and GBAT geocoding.
- Delivered analysis requested by commissioner and mayor's office on property, business, and income taxes, tax relief programs, vacant lots, fraud, debt, tax reforms, etc. Engineered database pipelines and automation for ongoing projects.
- Innovated novel economic and statistical research on migration and racial trends, gig economy, and policy effects.

Data Science Institute at the University of Chicago   Remote: Chicago, IL
Data Science Research Assistant, Social Impact Track   *June – Aug 2021*
- Created the Development Bank Investment Tracker (DeBIT), an open-source public web tool to equip legal nonprofits in holding global development projects' financial actors accountable for human rights and environmental violations.
- Developed automatic financial data collection mechanism with Google Cloud, automated cleaning and record linkage of datasets using NLP tf-idf machine learning methods, built PostgreSQL relational database for data flow, Dockerized Django backend and React frontend app, generated search feature and auto-update graphs for insightful data trends.
- Created scientific poster and video lecture to present work to stakeholders and scientific community.

MSCAPP, University of Chicago   Chicago, IL
Director's Assistant, M.S. in Computational Analysis & Public Policy   *Oct 2019 – June 2023*
- Generated competitor analysis, organized weekly distinguished speaker seminar, tracked alum outcomes, compiled funding & career resources, managed expense reports, trained full-time employees, refined website, proctored exams.

Fermi National Accelerator Laboratory (Fermilab)   Batavia, IL
TARGET Program Intern, Scientific Computing Division   *June – Aug 2018*
- Developed suite of technical documentation and video tutorials for Fermilab's off-the-shelf data acquisition (otsdaq) software for particle detector experiments, debugged and coded into website, and presented video lecture as capstone.
- Attended Python, robotics, and professional development courses within highly competitive program (4% acceptance).

Supervisor, Jeff Metcalf Grant Fellow   *May 2019 – Sept 2020*
- Supervising 5 interns, designed and developed full-stack JS/HTML/CSS web application to platform otsdaq tutorial suite, integrating Google Cloud to introduce tutorial creation tool, accelerating content production and accessibility.

SKILLS

Programming Languages: Proficient: Python, C, SAS, SQL, R; Intermediate: Stata, JS, HTML, CSS, Bash, Assembly

Tools: ArcGIS, Power BI, EViews, MATLAB, Visual Studio, SAS studio, RStudio, LaTeX, Cloud SQL, MS Office, G Suite

Relevant Coursework: Master's Econometrics and Data Science, Financial Econometrics, Economic Analysis I – III, Python I-II, C I-II, Computer Systems, Statistics, Applied Microeconometrics, Social Welfare Policy, Criminal Justice Reform

Personal Skills: Public speaking (audiences of 3000+), computational problem solving, leadership & team management, effective written & oral communication, community organizing & advocacy, self-motivation & initiative, artistic creativity

Interests: public policy, law, social justice reform, drawing and painting, poetry, film