

Max Bahar (he/him)

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Summary

- Aspiring data scientist with 3 years of geospatial analysis experience, providing actionable insights for Fortune 500 companies, managing complex projects, and adapting to evolving priorities.
- Proficient in quantitative analysis and data visualization, specializing in sustainability and climate adaptation.

Education

Harvard University

Expected: May 2026

M.S. Data Science

Relevant Coursework: The Climate Energy Challenge, Mathematical Modeling, Visualization

Boston College

May 2021

B.A. Economics and Computer Science

Relevant Coursework: Climate Change and Society, Sustainable Energy, Algorithms

Technical Skills

Programming and Tools: Python (Pandas, NumPy, SciPy, scikit-learn, Matplotlib), Maptitude, Tableau

Professional Experience

Caliper Corporation

July 2021 - June 2024

Analyst, Maptitude Mapping Software

- Managed consulting projects with diverse stakeholders, including voter data integration for redistricting, sales territory optimization, and streamlining geospatial workflows, improving client efficiency and decision-making.
- Trained and supported 100+ Fortune 500 and government clients, earning consistent positive feedback for clear communication and empowering users to effectively apply geospatial tools for strategic insights.
- Analyzed Albertsons and Kroger store location data using Maptitude to explore the economic impact of the companies' merger, identifying significant geographic overlaps and demographic variations across locations.
- Adapted to shifting project scopes and deadlines while juggling responsibilities in consulting, client training, technical support, blog writing, and data processing, ensuring high-quality deliverables across all tasks.

Boston College Economics Department

June 2020 - May 2021

Research Assistant to Professor Paul Cichello

- Researched and analyzed exponential growth trends in COVID-19 data, synthesizing findings into five blog posts to effectively communicate complex statistical and economic concepts to diverse audiences.
- Designed clear, actionable data visualizations by cleaning and analyzing time series data with Stata, supporting blog posts that showcased the impact of data-driven strategies in shaping public health policy.

Relevant Projects

Harvard University Mathematical Modeling Project

September 2024 - December 2024

"Simulating Maximum Potential Intensity of Tropical Cyclones"

- Modeled tropical cyclone intensity under warming scenarios using CMIP6 climate data, developing a Python library to streamline analysis and identify high-risk areas to inform climate adaptation strategies.
- Led a collaborative project with strict deadlines, adapting to evolving methodologies to ensure the successful completion and delivery of actionable insights for climate policy and planning.

Boston College Economics Senior Thesis

August 2020 - May 2021

"Long Term Effects of Parental Migration on Indonesian Income"

- Executed a year-long research project on the socioeconomic impacts of parental migration in Indonesia, revealing recent growth in non-labor migration and contributing to migration literature.
- Processed and analyzed five waves of a longitudinal dataset in Stata to assemble parental migration histories and run an instrumental variable regression to estimate the causal effects of parental migration on income.

Community Involvement

Harvard Graduate Advisory Committee

September 2024 - Present

Committee Member

- Hosted monthly group dinners to foster community among students in Harvard's Data Science and Computational Science and Engineering programs, promoting collaboration, inclusivity, and peer support.