Zemar Hakim

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Education

Queen's University - PhD, Economics *Candidate (Expected 2027)*

- Fields: Environmental and Climate Economics, Development Economics, Energy, Econometrics, Causal Inference
- I use survey, administrative, spatial and weather data to better identify and understand the consequences of natural disasters. Topics include climate and disaster-risk analytics of locust invasions, floods, droughts and wildfires.
- Presenter at: Canadian Economics Association Annual Meetings (Canada, 2025, 2026), Applied Economics Conference (Serbia, 2026), Canadian Development Economics Study Group (Canada, 2025)
- Research Assistant: Cherie Metcalf and Philippe Kabore (UQAR)
- Teaching Assistant: 8 courses in graduate and undergraduate economics.
- Awards: Mac Urquhart PhD Award for best second-year paper in Economics ($2,500); Economics Department Award ($10,000 x 4); E. Gay Mitchell Graduate Fellowship in Finance ($8,000); Ontario Graduate Scholarship ($15,000 x 2)

Toronto Metropolitan University - MA, International Economics and Finance

- Teaching Assistant: International Monetary Economics
- Research Assistant for Hyunju Lee: Overreaction and the Value of Information in a Pandemic
- Ranked among the Top 5 in cohort

Wilfrid Laurier University - BA, Honours Economics

- Awards: Dean's List ($1,500); Wilfrid Laurier Entrance Scholarship ($15,000)

Professional Experience

Senior Associate Intern - Charles River Associates *2026*

- White Paper: Patent Monetization Promotion and SSO Participation.
- Conducted quantitative and economic analysis for 5 litigation and merger engagements.
- Built an automated codebook in R to support replication.
- Built and maintained econometric models in R and Python (Azure Databricks) to evaluate damages and market dynamics.
- Conducted industry research and translated findings into clear reports and presentations for clients.

Senior Research Analyst - Global Affairs Canada *2022-2026*

- Policy Paper: G7 Sanctions Gap Analysis
- Designed automated data pipelines in R, Python, and SQL with over 500 million records from 4 federal departments.
- Developed causal and predictive models to quantify the impact of sanctions and conflicts, forecasting trade flows worth more than $2 trillion annually and identifying anomalous transaction patterns across G7 economies.
- Managed 2 direct reports and supported over 20 ministerial briefings.
- Engineered architecture integrating over 25,000 records across allied jurisdictions, and built interactive dashboards for 3 federal departments.

Economics Expert (Contract Part-time) - Mercor *2025-2026*

- Designed AI training data for large language models across 4 projects.
- Diagnosed model failure modes in logic, numerical reasoning and code generation.

President and CEO - Wilfrid Laurier University Students' Union *2019 – 2020*

- Elected to represent over 17,000 students, managing an $11 million budget and a team of 5 direct reports to deliver operations, services, and advocacy across institutional, municipal, provincial, and federal levels of government.
- Created and led the university's first institutional committee on student basic needs, addressing food insecurity and housing, and sustained service continuity through emerging crises including the early stages of the COVID-19 pandemic.

Technical Skills

Programming Languages: R, Python, SQL, Stata, MATLAB, ArcGIS, QGIS, PostGIS

Cloud and Collaboration: GitHub, Microsoft Office (incl. Power BI, Azure), Google Suite (incl. GCP), AWS (S3, EC2), Jupyter, LaTeX, Google Earth Engine, Databricks

Languages: English (Native), French (Advanced), Urdu (Native)

Volunteering and Community Activity

Shepherds of Good Hope - Ottawa Homeless Service
Mississauga Food Bank