Gevorg Khandamiryan

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Education

University of California, Berkeley — Berkeley, CA
PhD in Economics — *Aug 2023 – Present*
- Fields: Econometrics, Behavioral Economics, Economic Theory, Network Econometrics

University of Oxford — Oxford, UK
MPhil in Economics — *Sep 2020 – Jun 2022*

University of California, Berkeley — Berkeley, CA
BA with Distinction in Applied Mathematics (Data Science); BA with Honors in Economics — *Aug 2016 – May 2020*

Teaching

University of California, Berkeley — Berkeley, CA
Graduate Student Instructor — *Aug 2023 – Present*
- Teaching Assistant for Econometrics (Math Track); received instructor score of 6.5/7.

University of California, Berkeley — Berkeley, CA
Undergraduate Student Instructor — *Jan 2019 – May 2020*
- Teaching Assistant for Professors Enrico Moretti and Martha Olney in Introduction to Economics; received instructor score of 6.4/7.

Working Papers

- Generalized Mundlak Estimators with Network Interference, 2025
- Reputation Effects in Repeated Games with Learning, MPhil Thesis, 2022

Experience

Charles River Associates — London, UK
Consulting Associate — *Aug 2022 – Jul 2023*
- Developing theoretical and econometric estimation methodologies in various use cases, including mergers and acquisitions.

Oxford Economics — London, UK
Economist — *Jul 2021 – Oct 2021*
- Advisor/developer in quantitative development team on AI tools for internal workstreams and subscription-based products.
- Performed econometric modeling, model selection, choice modeling, inference and forecasting across 4 projects, developed named entity recognition models, performed Monte Carlo simulations for inflationary and consumer spending forecasts.

University of Oxford — Oxford, UK
Research Assistant — *Nov 2020 – Mar 2022*
- Scraped and collected text database, developed natural language processing models on these to explain regional and seasonal variations of patients' sentiment towards and their interactions with healthcare providers on NHS platforms before and after lockdowns.
- Analyzed differences in health outcomes among Italian males: treatment group exposed to mandatory military service and comprehensive medical screening, versus a control group born after 1986 without army duty or systematic checkups. Found lower cardiovascular disease prevalence and hospital admissions in the treatment group.

- Worked on a joint paper studying differences in mental health and antibiotic prescription prevalence based on health labor force diversity (gender, immigration status, origin of medical qualification).

University of California, Berkeley   Berkeley, CA

Research Assistant   *Jul 2019 – May 2020*

- Created a novel income tax progressivity index using marginal tax rates and income brackets adjusted for cross-country income scales.
- sed mixed splicing techniques to combine data from multiple sources and created dynamic econometric model to evaluate tax policy impact on inequality level, measured by GINI.
- Analyzed flat tax systems' impact using impulse response functions, concluding such systems initially increase inequality, benefiting top earners.
- Found that in four of nine flat-tax countries, inequality later declined due to increased social transfers funded by higher revenue.
- This project earned honors distinction and is presented annually in Berkeley's Data88 class as an exemplary economics thesis using data science.

Leadership

DataPoint Armenia | *Co-founder*

- Co-founded a 501(c)(3) nonprofit that fosters the development and implementation of data science in developing regions and rural areas by offering educational, mentoring and networking opportunities for free
- Supported dozens of talented women from rural areas of Armenia to pursue data science career

Awards and Grants

- Outstanding Graduate Student Instructor, UC Berkeley, 2023-2025
- AGBU Graduate Scholarship for Graduate Studies, 2023-2025
- Alumni Graduate Scholarship Award for Excellence, Pembroke College, University of Oxford, 2021
- AGBU Scholarship Grant for Excellence to study at the University of Oxford, New York City, 2020 – 2022
- My Step Government Scholarship Grant to study at the University of Oxford, Armenia, 2020 - 2022
- Graduate Merit Award, Full Scholarship and Stipend, University of Bocconi, 2020 - 2022
- Honors distinction in Economics upon graduation, UC Berkeley, 2020
- Distinction in Mathematics upon graduation, UC Berkeley, 2020
- Luys Government Scholarship Grant for Excellence to study at UC Berkeley, 2016 – 2020
- Golden Medal of Excellence, Presidential Award, Yerevan, Armenia, 2016
- Best student in STEM, Presidential Award, Yerevan, Armenia, 2016
- Third Prize in Mathematics National Olympiad, IMO selection team participant, Armenia, 2014, 2015
- Second Prize in International HSE Mathematics Olympiad, Moscow, Russia, 2015

Technical and other Skills

Languages: Armenian (native), English (proficient), Russian (proficient)
Programming Languages: Python, STATA, R, LaTeX