BERKAY AKYAPI

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EDUCATION

University of Florida *2018 - 2023*
Ph.D. Economics, Ph.D. Minor Computer Science
Fields: Machine Learning, Macroeconomics

Middle East Technical University *2012 - 2014*
M.Sc. Economics

Bilkent University *2008 - 2012*
B.Sc. Electrical and Electronics Engineering

ACADEMIC APPOINTMENTS

Clinical Assistant Professor, University of Florida *2024-*
Department of Information Systems and Operations Management

Visiting Assistant Professor, University of Florida *2023-2024*
Department of Information Systems and Operations Management

OTHER WORK EXPERIENCE

PhD Intern, International Monetary Fund (IMF), Washington D.C. *2021*

Project Manager, ASELSAN, Turkey *2012-2018*

PUBLISHED RESEARCH

"Estimating Macro-Fiscal Effects of Climate Shocks from Billions of Geospatial Weather Observations," (with Matthieu Bellon and Emanuele Massetti), *American Economic Journal: Macroeconomics,* forthcoming.

"Machine Learning and Feature Selection: Applications in Economics and Climate Change," *Environmental Data Science*, 2:e47, December 2023.

"Cartel Penalties Under Endogenous Detection," (with Douglas Turner), *Review of Industrial Organization*, Vol. 61(3), November 2022.

"Vegetation Dynamics and Climatological Drivers in Ethiopia at the Turn of the Century (with Muir, C.; Southworth, J.; Khatami, R.; Herrero, H.)," *Remote Sensing*, Vol. 13(16), August 2021.

WORKING PAPERS

"On the Effects of Automation Technologies and Increasing Market Concentration to the Labor Share."

"Ensemble Model Selection: A Case Study on Weather Shocks and US County Level Economic Activity."

TEACHING EXPERIENCE

University of Florida, Department of Information Systems and Operations Management

MAN 5502 Production and Operations Management	*Summer 2024*
QMB 4701 Managerial Operations Analysis I	*Fall 2023, Spring 2024(x2), Fall 2024*
QMB 4702 Managerial Operations Analysis II	*Spring 2024*
QMB 4970 Honors Thesis	*Spring 2024*
ISM 3254 Business Systems I	*Fall 2024(x2)*
ISM 6413 Introduction to Python	*Spring 2024*
ISM 4113 Business Systems Design and Applications	*Fall 2023(x2), Spring 2024*
ISM 6251 Programming for Business Analytics	*Fall 2023*

University of Florida, Department of Economics

ECO 6936 Machine Learning and Python	*Spring 2022, Spring 2023*

AWARDS AND CERTIFICATES

Research Promotion Initiative, Larry Kenny Graduate Student Teaching Award, Robert F. Lanzillotti Prize, R. F. Lanzilotti Dissertation Award, Rafael Lusky Prize.

Project Management Professional (PMP, 2017-2023).

REFEREE SERVICE

Production and Operations Management, Journal of the Knowledge Economy