

Curriculum Vitae

PERSONAL INFORMATION

Baris Guven, Ph.D.

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LinkedIn: <https://www.linkedin.com/in/baris-guven-ph-d-33784147/>

GitHub: <https://github.com/barisguven>

Website: <https://barisguven.netlify.app/>

<https://umass.academia.edu/BarisGuven>

Google Scholar: <https://scholar.google.com/citations?user=UI9lSM8AAAAJ>

WORK EXPERIENCE

2023–2024 Visiting Assistant Professor
Gettysburg College

2022–2023 Post-Doctoral Lecturer
New York University

EDUCATION

2014–2022 Ph.D. in Economics
University of Massachusetts Amherst
Thesis: ‘[Three Essays on Technological Change, the State, and Employment](#)’

2012–2015 M.A. in Economics
Bogazici University

2005–2011 B.A. in Economics (Double Major)
Honored Student
Yildiz Technical University

2005–2011 B.S. in Mathematical Engineering
High Honored Student
Yildiz Technical University

PUBLICATIONS

Güven, B. (2024) ‘[Has labor-saving technology accelerated? Evidence from industry-level data](#)’, *Structural Change and Economic Dynamics*, 70, pp. 442–456

SELECT BLOG POSTS

‘[Yeniden Sanayi\(siz\)leşme?](#)’, May 3, 2025.

‘[Classification with Scikit-learn](#)’, April 7, 2025.

‘[Scikit-learn: Sampling, feature engineering, and pipelines](#)’, March 23, 2025.

‘[Machine learning with *tidymodels*: Tuning with parallel processing and racing](#)’, February 6, 2025.

‘[Machine learning with *tidymodels*: Bagged trees, random forests, and boosted trees](#)’, January 27, 2025.

‘[Decomposing inflation](#)’, December 8, 2024.

SKILLS

Python [pandas, numpy, matplotlib, seaborn, scikit-learn, keras], R [tidyverse, tidymodels], SQL, Tableau, Stata, LaTeX, MATLAB

CERTIFICATES

Python for ML	Python for Data Science and Machine Learning Bootcamp
SQL	Udemy: The Complete SQL Bootcamp
SQL-Bash-Git	freeCodeCamp: Relational Database
Tableau Desktop	2024 Tableau Certified Data Analyst Training

TEACHING EXPERIENCE

Instructor	Department of Economics, Gettysburg College Principles of Macroeconomics (Spring 2024, Fall 2023) Intermediate Macroeconomics (Spring 2024) International Economics (Fall 2023) Department of Economics, New York University Introduction to Macroeconomics (Fall 2022, Spring 2023) Department of Economics, Bogazici University Principles of Macroeconomics (Summer 2019) Department of Economics, University of Massachusetts Amherst Intermediate Macroeconomics (Fall 2018) Intermediate Macroeconomics (Summer 2018, Online) Money and Banking (Summer 2017, Online)
Teaching Assistant	Department of Economics, University of Massachusetts Amherst (Graduate) Macroeconomic Theory (Spring 2022) Econometrics (Fall 2021, Spring 2021) Money and Banking (Fall 2017)

AWARDS

Spring 2020	Dissertation Fellowship, Political Economy Research Institute, UMass Amherst
Spring 2015	University Fellowship, University of Massachusetts Amherst
2013–2014	MA Scholarship, The Scientific and Technological Research Council of Turkey

SEMINARS/PRESENTATIONS

March 2024	Eastern Economic Association Annual Meetings, Boston, Massachusetts ‘Fast Labor-Saving Technical Progress and Employment’
May 2021	Middle East Technical University, Department of Economics Seminar Series (Virtual) ‘Technological Change, Productive State Apparatus and Social Structure of Accumulation Theory’
December 2020	VI Saint Petersburg International Economic Congress (Virtual) ‘Technical Progress and Employment: Theory and Evidence’
January 2020	American Economic Association, Annual Meeting, San Diego, California ‘Productive Apparatuses of State, Technological Change, and Social Structures of Accumulation Theory’
October 2019	Conference on ‘Marx in a High Technology Era: Globalization, Capital and Class’, Cambridge University, U.K. ‘Conceptualizing the Innovative State in a Marxist Framework’
September 2018	Union for Radical Political Economics, Fiftieth Anniversary Conference, Amherst, Massachusetts ‘What Future for Employment in Capitalism?: A Model of Technical Change, Employment, and Income Distribution’

PROFESSIONAL SERVICE

2018 Faculty Search Committee, Department of Economics, University of Massachusetts Amherst

LANGUAGES

Turkish (native), English (fluent), French (basic)

HOBBIES

Coding, Cinema, Music

REFERENCES

Professor Emeritus David M. Kotz
Department of Economics
University of Massachusetts Amherst
dmkotz@econs.umass.edu

Distinguished Professor Robert Pollin
Department of Economics
University of Massachusetts Amherst
pollin@econs.umass.edu

Associate Professor Vamsi Vakulabharanam
Department of Economics
University of Massachusetts Amherst
vamsi@econs.umass.edu

Chairperson/ Associate Professor Linus Mabughi Nyiwul
Department of Economics
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Ankara, Turkey, May 11, 2025