

# Yunus Cem Yilmaz

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## EDUCATION

**Northeastern University, Boston, MA** December 2021  
Ph.D. in Applied Economics (GPA:3.89)  
*Dissertation Title: Microeconomic Analyses of the Effects of Regulation and Elections Across Europe and Turkey*  
*Committee: James Dana Jr., Bilge Erten, Mindy Marks, Imke Reimers*  
*Interests: Industrial Organization, Labor Economics, Development Economics*

**Koç University, Istanbul, TR** August 2017  
Bachelor of Arts in Economics & Bachelor of Arts in History (GPA: 3.65)  
Magna Cum Laude, Vehbi Koç Scholar

## PROFESSIONAL EXPERIENCE

**Analysis Group, Boston, MA** June 2021-Present  
*Associate* January 2022-Present  
*Summer Associate* June-August 2021

- Explored and analyzed client data using Stata, R and SAS
- Worked on creating client-ready exhibits through the Microsoft Office Suite

**Northeastern University, Boston, MA** May-September 2020  
*Academic Technology Scholar*

- Learned to teach effectively in online or hybrid settings using Canvas LMS and integrated tools through an online course
- Assisted Northeastern University faculty in their adjustment to Canvas LMS, Zoom and Microsoft Teams through one-on-one sessions
- Held consulting sessions with faculty to help them adapt better teaching practices for the online/hybrid format in their future courses

**AvivaSA Pension and Life Insurance, Istanbul, Turkey** August-September 2016  
*Cash and Fund Management Intern*

- Compared the SAP BusinessObjects software output with accounting spreadsheets to calculate and verify collections
- Evaluated and reported on the daily fund compositions of retirement pension funds managed by the company
- Led and trained a group of newly hired high school interns in the use of work-related software, firm resources

## RESEARCH EXPERIENCE

**Northeastern University, Boston, MA** September 2020-February 2021  
*Graduate Research Assistant*

- Edited code in R to geocode and combine domestic violence related calls to police departments in multiple cities
- Converted code from R to Stata to combine geographic and individual data on domestic violence, employment, food insecurity
- Designed heterogeneity analyses using event studies and diff-in-diff to estimate the effects of COVID-19 on domestic violence

**Northeastern University, Boston, MA** July-September 2019  
*Graduate Research Assistant*

- Wrote Python code to download and order Amazon sales, price data from keepa.com using Keepa API
- Automated the conversion and combination of the data sets obtained through Keepa using Python and Stata
- Planned and ran regressions based on testable predictions of the theory of damaged goods using this data set with Stata

## TEACHING EXPERIENCE

**Northeastern University, Boston, MA** September 2017-December 2021  
*Graduate Teaching Assistant*

- Guided students on course material by holding weekly office hours and review sessions before exams
- Covered some undergraduate level lectures on microeconomics and labor economics
- Contributed to students' understanding of statistical software via workshops and online videos on Stata and Excel
- Graded and proof-read homework, projects and exams for undergraduate and graduate level courses
- Created problem sets and exam questions for newly designed microeconomics course aimed at first-year students

## LEADERSHIP EXPERIENCE

**Northeastern University Economics Graduate Student Association, Boston, MA** August 2020-December 2021  
*Treasurer*

- Recruited students to the club to increase intra-department interaction among graduate students during the COVID-19 pandemic

**Grimatz Enterprises, Istanbul, TR** September 2011-January 2013  
*Student General Manager*

- Recruited and employed 20 students to work for the non-profit junior achievement company
- Collected over \$1000 of aid to help the earthquake victims of Van by arranging and supervising sales of food

## COMMUNITY SERVICE

**Khan Academy Türkçe, Istanbul, TR** October 2011-January 2013  
*Student Communications Manager*

- Mobilized and managed 20 students to volunteer for the translation of online learning website to Turkish for students in Turkey
- Arranged meetings to streamline the translation process and solve common issues encountered by translators
- Translated educational videos for students on Chemistry, Physics and Mathematics at the high school level

## SKILLS

**Quantitative:** Econometrics, Optimization, Classical and Bayesian Statistics, Machine Learning, Data Scraping & Cleaning  
**Data Processing, Statistical Analysis & Presentation:** Stata, Python 3, R, SAS, MATLAB, SPSS, Microsoft Office Suite, LaTeX  
**Other Computer Skills:** HTML/CSS, SAP BusinessObjects, Adobe Photoshop and Dreamweaver, Creo, CircuitLab  
**Languages:** Turkish (Native), German (Pre-Intermediate), Kurdish (Basic), Ottoman (Basic)