

Ali Furkan Kalay

İstanbul Teknik Üniversitesi
İşletme Fakültesi, Ekonomi Bölümü
Maçka/Beşiktaş 34367 Türkiye

Phone: +90-555-6484840
email: kalaya@itu.edu.tr

Born: 1994—Antalya, Turkey



Education

- 2012-2016 BACHELOR OF SCIENCE in Industrial Engineering, Istanbul Technical University, Istanbul, Turkey
- 2016-2018(E) MASTER OF ARTS in Economics, Istanbul Technical University, Istanbul, Turkey

Professional Experience

EMPLOYMENT

- 2015-2016 Apprentice, Product Development Department, Kuveyt Turk Participation Bank (7 months)
- 2017-present Research Assistant, Economics Department, Istanbul Technical University

RESEARCHS & PROJECTS

- 2015 Researcher, Forward Exchange Rate and Risk Modeling, *at Kuveyt Turk Participation Bank*
- 2017 Researcher, Industry Analysis for Istanbul, *Participated for the Education Industry*
- 2017 Researcher, 5G Business Potential for Turkey

Also *research assistant* to **Shourjo Chakravorty** (2016-2017 Spring)

ORAL PRESENTATIONS

- 2017 Innovation Examples and Problem Solving Approach, at The Foundation of Economic and Technical Solidarity (Istanbul, Turkey)
- 2017 The Ignorant Schoolmaster: Five Lessons in Intellectual Emancipation, at The Foundation of Economic and Technical Solidarity (Istanbul, Turkey)

Grants, honors & awards

2011	BRONZE MEDAL at Akdeniz University Math Olympics
2012	National University Entrance Exam (OSYM): ranked within 0.12% at all nation.
2012-2016	KYK: Government Higher Education Grant for Success
2012-2016	EKOTEK: The Foundation of Economic and Technical Solidarity Success Grant

Teaching Experience

INSTRUCTOR

2016-2017	<i>Spring</i> : BIL108E - Introduction to Scientific and Engineering Computing (Python) <i>Course design and lecturing</i>
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TEACHING ASSISTANCE

2016-2017	<i>Spring</i> : ECN301E - Institutional Economics
2016-2017	<i>Spring</i> : ECN308E - Competition Policy and Law
2016-2017	<i>Spring</i> : ECN312E - International Finance
2016-2017	<i>Spring</i> : ECN420E - Behavioural Economics
2016-2017	<i>Spring</i> : EKO201E - Introduction to Economics
2017-2018	<i>Fall</i> : IKE503E - Macroeconomics
2017-2018	<i>Fall</i> : ECN311E - International Trade
2017-2018	<i>Fall</i> : ECN301E - Econometrics - I <i>Application with Stata</i>
2017-2018	<i>Fall</i> : IKE505E - Research Methods in Economics - I <i>R Programming and LaTeX Session</i>

Languages and Computer Skills

Languages	Turkish (Native), English (106/120 TOEFL iBT), Arabic (Beginner)
Programming	Python: (Advanced) Personal and lecturing experience in Python Programming R: (Advanced) Personal and lecturing experience in R programming SQL: (Basic) PHP: (Intermediate) Personal web programming and design experience. Also knowledge in HTML and CSS . GAMS: (Basic) Took introductory courses and used GAMS for courses. C: (Basic) Took introductory programming course.

General **MS Office:** (Advanced) Experienced with Word and Excel. Knowledge in **Visual Basic** programming within MS Office.
Stata: (Intermediate) Personal and lecturing experience in STATA
TEX: (Intermediate) Personal and lecturing experience.
NetLogo: (Intermediate) Took course and simulated of financial models.

Professional Membership

2012-present HAMILIK OKULU: **The Foundation of Economic and Technical Solidarity's** Education Program

- Graduated from 4-year-curriculum of *Hamilik Okulu* (2012-2016)
- Volunteer at the *Compassion Ring* project related with foreign high school students (2015-2016)
- Guide at *Discovery and Innovation Club* since 2015
- Organiser at the *Academic Commission* since 2016