

# Alper Yıldırım

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University of Bonn  
Department of Economics

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## Education

<b>Rheinische Friedrich-Wilhelms-Universität Bonn</b>	Bonn
Master of Science, Economics	2022 - 2024
<b>Relevant Coursework:</b> Scientific Computing for Economists, Econometrics	GPA: 1.5
<b>Koç University</b>	Istanbul
Bachelor of Arts, Economics & Sociology, <i>Double Majors</i>	2017 - 2022
<b>Tracks:</b> Macroeconomic Policies and Financial Markets, Finance	GPA: 3.7/4.0
<b>Istanbul Erkek Lisesi (High School)</b>	Istanbul
<i>Deutsche Auslandsschule (German Foreign School)</i>	2012 - 2017

## Experience

<b>Institute of Finance and Statistics</b>	Bonn
<i>Research Assistant, Finance Group</i>	03/2023 - today
<ul style="list-style-type: none"><li>- Studying heterogeneous expectations and stock market cycles with Dr. Janko Heineken</li><li>- Built fixed-effects models to determine extrapolative beliefs in Python</li><li>- Conducted preliminary research, exploratory data analysis, and data preprocessing</li><li>- Contributed to research project on corporate leverage choice and equity market participation</li></ul>	
<b>SnA Consulting</b>	Istanbul
<i>Associate Analytics Consultant</i>	10/2021 - 01/2022
<ul style="list-style-type: none"><li>- Developed a decision tree model for credit scoring for a subsidiary of an industry-leading company in Turkey</li><li>- Used MS Excel and SQL extensively to define rule-based variables for the model</li></ul>	
<b>Stanford University, Code in Place 2021</b>	Online
<i>Section Leader / Tutor</i>	04/2021 - 05/2021
<ul style="list-style-type: none"><li>- Tutored a group of international students in the online offering of Stanford University's introductory computer science course with Python</li></ul>	
<b>Aksigorta</b>	Istanbul
<i>Marketing Intern, <b>Industry:</b> Insurance</i>	01/2021 - 06/2021
<ul style="list-style-type: none"><li>- Tracking and interpretation of the marketing analytics for 'Dijital Güvenlik Platformu', the corporate sustainability programme on cybersecurity of the firm</li><li>- Conducted market research for the design of the forthcoming cyber-insurance policy with the business development department</li></ul>	

## Projects

**Analyzing SEC 10-K Filings: A FinBERT Approach** 2023  
 Final Project for the course OSE *Scientific Computing for Economists*

## Accomplishments

President 2020 - 2022  
 Youth Commission of IELDER (Istanbul Erkek Lisesi Alumni Association)  
 Vehbi Koç Honor Award 2019  
*Awarded for GPA over 3.50.*  
 Participant 2018 - 2019  
 Peacemakers Project (Erasmus+)  
*EU project aims to foster more positive attitudes towards migrants in Europe and in Turkey*  
 Government's Outstanding Success Scholarship 2017 - 2021  
*Ranked 60th among a million students in the National University Examination*  
 Full Merit Scholarship 2017 - 2022  
*Awarded by Koç University for the exceptional success in the National University Examination*

## Computer Skills

Python, MS Office, R, SQL, Stata, L<sup>A</sup>T<sub>E</sub>X

## Languages

Turkish (Native), English (IELTS: 7.5), German (Intermediate)

## References

Dr. Janko Heineken  
 Postdoctoral Researcher  
 Institute of Finance and Statistics  
 Rheinische Friedrich-Wilhelms-Universität Bonn  
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