GOKTURK COLAK
Intern

Istanbul | Email: gokturkcolaktkd@gmail.com |Github: github.com/gokturkcolak

PROFILE

Economics undergraduate with interests spanning financial markets, macroeconomic analysis, and data analytics. Proficient in Python, R, and Excel, with project work in blockchain data analysis, macroeconomics research, and data visualization. Seeking an internship role at the intersection of finance and data to further develop analytical skills and industry knowledge.

EDUCATION

ISTANBUL UNIVERSITY — Beyazit, Istanbul
Department of Economics — Currently
Economics Program (100% English)
GPA: 3.64/4.0
Relevant Coursework: Statistics, Macroeconomic Analysis, Data Analysis, Data Visualization, Financial Markets

ISKENDERUN BASKENT PRIVATE ANATOLIAN HIGH SCHOOL — Iskenderun, Hatay
GPA: 98.5/100 — September 2018 – June 2022
T-MBA Council President of Scientific and Artistic Projects

SKILLS

Technical Skills: Python (NumPy, Pandas, Matplotlib), R Programming (tidyverse, xgboost), Advanced Excel, GitHub
Languages: Turkish (Native), English (Advanced), French (Beginner – A2)
Other: Data Analytics, Research & Reporting, Financial Modeling, Problem Solving, Analytical Thinking, Teamwork

PROJECTS

Algorithmic Trading System Development — Ongoing Project
- Building Python-based systematic investment approach with quantitative analysis capabilities.
- Developing automated market analysis tools for identifying investment opportunities.
- Implementing risk management frameworks and backtesting for investment strategy validation.

Macroeconomic Analysis of the U.S. Economy (2008-2023) — January 2025 - June 2025
- Conducted comprehensive 15-year macroeconomic analysis using official data sources and 20+ academic reports
- Analyzed key economic indicators including GDP, inflation, unemployment, public debt, and productivity trends
- Evaluated policy impacts across four major economic phases including Great Recession and COVID-19
- Produced structured academic report with detailed financial data tables and policy assessments

EXPERIENCE

ISTANBUL UNIVERSITY INFORMATICS DEPARTMENT — Beyazit, Istanbul
Intern Student — November 2023 – June 2024
- Collected and organized agricultural sector data, establishing systematic databases for analysis.
- Created complete database of Management Information Systems department heads across 81 Turkish provinces.
- Managed data collection projects using Microsoft Excel and Google Sheets.

LEADERSHIP & ACTIVITIES

ISTANBUL UNIVERSITY DATA CLUB — Beyazit, Istanbul
Vice President — November 2023 – June 2024
- Organized an institutional visit to IBB Data Laboratory and managed corporate communications.
- Volunteered at 22nd Academic Informatics Conference focusing on technology and innovation trends.

T-MBA COUNCIL — Iskenderun, Hatay
President of Scientific and Artistic Projects — September 2019 – June 2020
- Led strategic partnerships and coordinated institutional relationships with industry leaders.
- Managed entrepreneurial project development and innovation initiatives.

CERTIFICATIONS

- Financial Literacy Level 3 – **SPL**
- Next Generation Banking Simulation – **İşbank**
- Digital Banking – **İşbank** Proschool
- Entrepreneurship Training – **İSTKA** Social Development Support Program