

BATU ÖNLÜKUŞ

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Second-year Artificial Intelligence & Data Engineering student, focused on data science and machine learning, with a fintech credit-risk internship at Cloudpeer and a complementary background in large-scale data collection and blockchain development.

EDUCATION

Özyeğin University | B.Sc. in Artificial Intelligence and Data Engineering

Istanbul

Expected Graduation: 2028 · GPA: 3.32

Relevant Coursework: Data Structures & Algorithms · Intro to Data Science · Probability & Statistics · Linear Algebra

EXPERIENCE

Data Science Intern | Cloudpeer Global Teknoloji A.Ş.

Jul 2026 – Present

Teknopark İstanbul, Pendik · Neorisk — fintech credit-risk management platform

- Will perform exploratory data analysis (EDA) and feature engineering on credit datasets
- Will build credit-scoring models (Logistic Regression, XGBoost / LightGBM), evaluated with AUC-ROC, KS and Gini
- Will apply Explainable AI (SHAP) for model interpretability and stakeholder transparency
- Will develop a time-series anomaly-detection early-warning system and integrate models into Neorisk via API
- Will build fintech domain knowledge: PD, LGD, EAD and scorecard development

Developer & Chain Magazine Coordinator | ÖzÜ Blockchain Club

Jun 2024 – Jan 2026

Özyeğin University, Istanbul

- Contributed to smart-contract development, internal tools and technical workshops for club members
- Coordinated Chain Magazine, led weekly research and knowledge-sharing on blockchain protocols and tokenomics

PROJECTS

Inflation Research Study | (Python · Data Science) | (Paper: ASYU 2026 -under review-)

- Collaborative research measuring daily inflation across 100+ Turkish online retailers using custom web scrapers
- Built data-collection scrapers (incl. the travel & tourism sector) feeding a price-aggregation and inflation-metric pipeline

Blockchain Activities

- Granit | Konya Blockchain Hackathon (3rd Place):** building-inspection system with NFT-based IDs and IoT integration on Polygon (React, Solidity, Hardhat)
- IDO Platform | Units Network Hackathon:** Web3 tokenization platform for startup funding (React, Ethers.js)
- TriO Blockchain Labs Bootcamp:** smart-contract development with Solidity, Hardhat and Ethers.js

TECHNICAL SKILLS

Languages: Python, Java, Solidity

Data Science & ML: pandas, NumPy, scikit-learn, XGBoost / LightGBM, SHAP, Matplotlib; EDA, feature engineering, model evaluation (AUC-ROC, KS, Gini), time-series anomaly detection

Blockchain: Solidity, Hardhat, Ethers.js, Remix; smart contracts, Web3, tokenization, dApps

Tools: Git, GitHub