Alaattin Burak Koçer

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EDUCATION

Istanbul Technical University   Maslak, Istanbul
Electronics and Communication Engineering (100% English), GPA: 3.25/4.00   *Sep 2021 – Jun 2026*
High School Rank: 1st; YKS 2021 Rank: 4262

EXPERIENCE

Information Technology CF&HR Long Term Intern   Jul 2025 – Present
Mercedes-Benz Türk   *Esenyurt, Istanbul*
- Facilitated end-to-end IT request management on Jira by coordinating between business units and technical consultants.
- Contributed to RPA and AI projects to automate repetitive SAP and Jira tracking tasks within a virtual AI team environment.
- Developed Power BI dashboards to monitor and report real-time response metrics for internal system requests.
- Supported KPMG and similar audits by collecting evidence and assisting IT governance checks.

Information Technology Business Development Part-Time Worker   Oct 2024 – Jun 2025
VESTEL   *Şişli, Istanbul*
- Orchestrated the full lifecycle of IT and software development requests from initial intake through final closure.
- Monitored software requests within Agile sprint flows and delivered periodic progress reports to stakeholders.
- Supported testing by collecting feedback and following up until items are completed and closed.
- Optimized request processes by standardizing communication and identifying automation opportunities.

Information Technology Project Intern   Aug 2024 – Sep 2024
VESTEL   *Şişli, Istanbul*
- Analyzed ERP business processes from sales to procurement and collection, and shared summaries with the team.
- Helped collect requirements by turning business needs into clear action items for IT follow-up.
- Used Microsoft Office tools to track tasks and notes, and prepare updates for cross-team meetings and follow-ups.

PROJECTS

Machine Unlearning – Hybrid Framework | *Python, PyTorch, Google Colab, Git*   Aug 2025 – Present
- Key unlearning baselines (SISA, SCRUB, DELETE, Boundary) were compared in a single evaluation pipeline.
- An unlearning workflow was built to remove selected data effects while tracking accuracy and runtime trade-offs.
- This graduation project will be finalized and presented in the second semester with the thesis.

BIST 100 Index Prediction | *Python, TensorFlow/Keras, pandas, scikit-learn*   Feb 2025 – Jun 2025
- Built BIST 100 forecasting models for 1-day and 15-day horizons using LSTM and GRU.
- Prepared the dataset and trained/evaluated models against a simple baseline.
- Reported results with clear comparisons and visual checks (actual vs. predicted).

TECHNICAL SKILLS & INTERESTS

Key Competencies: Machine Learning, Data Science, Time Series Forecasting, BI Reporting, SDN & Network Automation, Project Management, Agile Framework, Network Communication, ERP Systems
Software & Tools: Python, PyTorch, TensorFlow/Keras, scikit-learn, pandas, SQL, Power BI, Git, Linux, Jira, Google Colab, Mininet, Ryu, MATLAB, Simulink, C, SAP, Microsoft Office
Languages: Turkish (Native), English (B2), German (A1)
Interests: Artificial Intelligence, Cinema & Film Art, Basketball, Travelling

CERTIFICATIONS

Daimler Truck AG (via EPAM)	MBT IT Distinguished Engineering Program (Cloud; API & Microservices; DevSecOps; Data/AI/ML; Security & IAM; FOSS)
MathWorks	Onramp (MATLAB, Simulink, ML, DL, Statistics, Control Design) + Courses (ML with MATLAB, DL with MATLAB)
LinkedIn Learning	Power BI; AI Foundations (ML); Big Data in the Age of AI; Building AI Products (Workflow); RPA; plus productivity/communication courses