

Tolga Boroğlu

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SUMMARY

Data Scientist and Machine Learning Developer with 3 years of experience in building statistical and predictive machine learning models, NLP (Natural Language Processing), analyzing noisy datasets, and designing decision support tools and services. Skilled in SQL, Python, and scientific computing languages, with a passion for extracting insights from data and driving data-driven decision-making processes.

EXPERIENCE

Data Analyst

Kodlasam

March 2023 – Present, Turkey

- Experienced instructor in Data Analysis using Python, delivering comprehensive instruction to participants in a Bootcamp program. Designed and developed curriculum materials, lesson plans, and learning resources to effectively convey complex concepts. Provided hands-on training and guidance, facilitating students' understanding and application of Python for data analysis tasks. Created engaging and interactive learning experiences through practical exercises and real-world case studies.

BI & DWH Developer

Trive

July 2023 – September 2023, Turkey

- Extensive experience in report preparation utilizing Microsoft SQL.
- Demonstrated expertise in the creation and support of Tableau Dashboards.
- Developed and deployed MS SQL and PostgreSQL stored procedures to support ETL processes, resulting in a 15% reduction in manual work and 20% increase in data loading speed.

Data Scientist

Upwork

October 2022 – Present, Germany, Ireland

- Experienced professional specializing in Natural Language Processing (NLP) and machine learning, providing expert support in developing text and document automation systems. Leveraged Apache Spark for handling big data, building models, and generating reports using machine learning algorithms. Demonstrated proficiency in developing and evaluating advanced algorithms for analyzing text data, achieving an 86% accuracy rate in sentiment analysis. Implemented logistic regression, k-nearest neighbors (k-NN), and gradient boosting models for predictive analytics, achieving a 99% success rate in estimating customer behavior. Skilled in utilizing innovative solutions to streamline processes and enable data-driven decision-making.

Data Scientist – Freelancer

Bionluk

September 2022 – October 2023, Turkey

- Experienced data analyst skilled in conducting in-depth analyses and modeling to uncover valuable insights. Expertise in travel trend analysis, agricultural analysis, sentiment analysis, and statistical techniques. Utilized advanced modeling techniques to identify modes of transportation for tourists in Ireland and presented recommendations based on findings. Proficient in analyzing and visualizing Twitter sentiment data using machine learning algorithms and natural language processing techniques. Developed custom algorithms and models for large and complex datasets, including p-value calculations. Effective in presenting results through clear visualizations and making data-driven recommendations.

Bootcamp Mentor

Global AI Hub

February 2022 – May 2023, Turkey

- Experienced mentor at a Bootcamp, providing guidance and support to students in data science projects. Demonstrated leadership and collaboration skills while assisting students and answering their questions. Developed a strong understanding of the importance of effective communication in the field of data science.

Intern

Flo Mağzacılık

August 2023 – September 2022, Turkey

- Experienced IT professional with a comprehensive understanding of Information Technology (IT) department operations, structures, and ongoing projects. Demonstrated hands-on experience in various IT initiatives, including research on emerging technologies and industry trends. Collaborated with IT professionals to implement innovative solutions for improved efficiency and provided technical support to end-users. Proficient in troubleshooting, hardware/software installation, and maintenance. Actively engaged in project planning and execution, conducting feasibility studies and gathering requirements. Regularly participated in team meetings and training sessions to expand technical skills and stay updated with the latest advancements in IT.

Research and Development Intern

Adana Science and Technology University

July 2022 – August 2022, Turkey

- Experienced data analyst proficient in utilizing statistical techniques and data analysis tools to analyze student graduate data at the university. Developed visually appealing visualizations using Power BI for effective data representation. Collaborated with the team to identify

key insights and trends, contributing to research and decision-making processes. Presented findings to stakeholders in a clear and concise manner. Assisted in developing data-driven strategies to enhance student success and retention rates. Worked closely with senior researchers and data analysts, gaining valuable experience in IT research and development.

Data Analyst Intern
Flalingo

March 2022 – May 2022, USA

· Experienced intern skilled in data analysis and visualization using Tableau, a popular business intelligence tool. Created impactful dashboards to effectively communicate complex information. Proficient in data preparation and visualization techniques. Developed strong abilities in data analysis and visualization, recognizing the significance of clear communication in the field of data science.

EDUCATION

Management Information Systems

Adana Science and Technology University · Adana,Turkey · 2017 · 2.97 GPA

SKILLS

Python for Data Science (Numpy , Pandas, Matplotlib,Seaborn,ggplot2,ML algorithms,Tensorflow)

SQL (MSSQL, MYSQL, SQL,query, rdms,nosql,MongoDB)

Power BI/Tableau (Dashboard,visiualisation)