ALİCAN TUNÇ

İstanbul ♦ +90 531 283 25 04 ♦ alican.tunc@yandex.com

Websites, Portfolios, Profiles

- https://www.linkedin.com/in/alican-tunc-776178165/
- https://github.com/alicanbecoder
- https://medium.com/@alicanbecoder

SUMMARY

Physics Engineering graduate with strong skills in data analysis and programming, experienced in Python, SQL, and R. Currently pursuing a Master's in machine learning and deep learning, with a focus on data science. Gained solid theoretical knowledge in algorithms, statistical modeling, and neural networks, which I apply to real-world data projects to generate actionable insights.

EDUCATION

Master: Data Science, Expected in 01/2026
Yildiz Technical University
GPA: 3.5/4 GPA

Bachelor of Science: Engineering Physics, 01/2022
Istanbul Technical University

- 3.06/4 GPA

SKILLS

- Python
- Excel
- Machine Learning
- Data Science
- Big Data
- Python programming
- SQL
- MS Office
- Deep Learning
- R Programming
- Matlab
- Neural networks

Work History

Optical System Engineer, 07/2022 - 01/2024
Vestel Electronics – Manisa, Turkey

- Developed and optimized TV display technologies (DLED, OLED, MiniLED), gaining hands-on experience with complex optical systems and large-scale production processes.
- Led the characterization and performance analysis of optoelectronic devices using Python-based data analysis techniques.
- Performed calibration and validation of optical components, integrating measurement data into structured reports for process improvement.
- Collaborated with cross-functional teams, applying analytical thinking to solve engineering and data-related challenges in product development.
- Applied statistical modeling and data visualization techniques to identify performance trends and optimize display parameters across various TV technologies.

Research Intern – Electromagnetic Calibration Lab, 06/2021 - 07/2021
National Metrology Institute – TÜBİTAK – Gebze, Turkey

- Conducted compatibility and interface testing in the Electromagnetic Laboratory, working with calibration systems and data acquisition tools.
- Participated in short-term research focusing on test data interpretation, quality control, and measurement system evaluations.
- Gained foundational experience in scientific research and reporting, which developed attention to detail and accuracy in data handling.
- Performed basic statistical analyses on test data to assess reliability and consistency of results.

Clubs & Communities

Yildiz Technical University Data Science Community – Member

LANGUAGES

English : B2 – Advanced: