

## Contact

Istanbul, Turkey  
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(LinkedIn)  
flowcv.me/alicenkbatop (Personal)  
open.spotify.com/  
show/34DZPR3Sa03jYjoO6vgnbE  
(Personal)

## Top Skills

Large Language Models (LLM)  
Generative AI  
Object-Oriented Programming  
(OOP)

## Languages

İngilizce (Professional Working)  
Türkçe (Native or Bilingual)

## Certifications

SQL Practice: Intermediate Queries  
SQL for Data Analysis  
Getting Started with Power BI  
Excel Essential Training (Microsoft  
365)  
Deep Learning ve Python: A'dan Z'ye  
Derin Öğrenme

# Ali Cenk Baytop

Data Scientist at IMM  
Istanbul, Türkiye

## Summary

Data Scientist | Computer Engineer

I'm Ali Cenk, located in Istanbul. I am currently working as a junior data scientist at Istanbul Metropolitan Municipality in Geographical Information System (GIS). In my internships, I've delved into computer vision, natural language processing, and machine learning projects. Recently, I've been learning about data engineering, big data, analytics, and bioinformatics. I'm eager to apply my knowledge to innovative projects. Let's connect and explore the exciting future of technology together!

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<https://www.kaggle.com/alicenkbatop>

<https://medium.com/@alicenkbatop>

<https://github.com/alicenkbatop>

[https://www.hackerrank.com/baytop\\_alicenk](https://www.hackerrank.com/baytop_alicenk)

<https://rosalind.info/users/alicenkbatop/>

## Experience

Istanbul Metropolitan Municipality

Data Scientist

December 2023 - Present (1 year)

Istanbul, Turkey

- İstanbul Metropolitan Municipality is a government organization responsible for managing public services and infrastructure in Istanbul.
- I work in the Geographical Information Systems (GIS) department.
- Utilize Python and SQL for data analysis and manipulation.
- Create dashboards and panels using visualization tools such as Plotly, Flourish, PowerBI and more based on managerial requests.
- Implement and experiment with large language models (LLMs), Retrieval Augmented Generation (RAG), Fine Tuning, Generative Artificial Intelligence (GenAI).

- Focus on R&D, exploring new models and developing experimental projects.

## Papirus Digital

### Intern

January 2023 - June 2023 (6 months)

- Papirus digital is a company that develops rule-based and AI-based solutions to process common types of documents.
- As an intern, worked on natural language processing (NLP) which is related to intelligent document processing (IDP), optical character recognition (OCR), information extraction (IE), and named entity recognition (NER).
- Basically, developed an information extraction part on various types of documents to find specific words, and phrases using these technologies: Invoice NET, LayoutLM, LayoutLMv2, CUTIE, BERTgrid, DeepDeSRT, TableNet, DONUT, transformers, BERT, roBERTa, DistilBERT, ner-annotator, doccano, label studio.
- Mandatory Internship

## RadicalX

### Intern

September 2022 - November 2022 (3 months)

- Voluntary Internship

## ViraSoft Yazılım Ticaret A.Ş.

### Intern

July 2021 - August 2021 (2 months)

- ViraSoft is a company that develops AI-based solutions to help pathologists.
- Object detection and classification. Python, OpenCV, PyTorch, YOLO.
- Mandatory Internship.

## NutzenTech

### Intern

December 2020 - July 2021 (8 months)

[İstanbul, Turkey](#)

- NutzenTech is an initiative that realizes innovative and autonomous projects for a sustainable life.

- Worked on various projects based on object detection using python, opencv, tf, yolo, darknet, colab, and labellmg.
- Researching, data collecting, data processing, data labeling, model development, and model testing.
- Voluntary Internship

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## Education

### Altınbaş Üniversitesi

Bachelor of Engineering - BE, Computer Engineering · (September 2018 - July 2023)

### Politechnika Poznańska

Bachelor of Science - BS, Artificial Intelligence · (September 2021 - July 2022)