Karahan Sarıtaş

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EDUCATION

Boğaziçi University   Istanbul, Turkey
B.Sc. in Computer Engineering - **GPA: 3.88/4.00**   *Sep 2018 − Jun 2023 (Expected)*
Ranked 4 out of 121

Haydarpaşa Anatolia High School   Istanbul, Turkey
High School Diploma - **GPA: 98/100**   *Sep 2014 − Jun 2018*

EXPERIENCE

Trendyol   Istanbul, Turkey (Remote)
Associate Developer   *July 2022 − Dec 2022*
- Developed and maintained batch data pipelines using Apache Spark, Scala, and Alibaba Cloud EMR Service.
- Worked on the integration of different monitoring tools including Datadog, Grafana, New Relic, and Alibaba Cloud Monitoring with various products.
- Technology Stack: Scala, Spark, Alibaba Cloud, Terraform, Kubernetes, Kafka, Zeppelin, Hadoop, Hive, Akka HTTP

RDC+   Istanbul, Turkey (Remote)
Data Science Intern   *Aug 2021 − Oct 2021*
- Developed web scraping and automation tools mainly using Selenium and BeautifulSoup in Python.
- Gained experience with Graph Database Neo4j.
- Technology Stack: Python, Neo4j, BeautifulSoup, Selenium

Boğaziçi University   Istanbul, Turkey
Undergraduate Teaching Assistant   *March 2021 - June 2022*
- CmpE 160 Spring 2022 - Introduction to Object Oriented Programming
- CmpE 150 Fall 2021 - Introduction to Computing
- CmpE 150 Spring 2021 - Introduction to Computing

AWARDS & ACHIEVEMENTS

National University Admission Exam (YKS): Ranked 143th in Mathematics and Science among ca. 2 million candidates.

National University Admission Exam (Foreign Language): Ranked 99th in Foreign Language (English) among ca. 2 million candidates.

KYK Top 100 Government Scholarship: Awarded to undergraduate students who have been ranked in the top 100 on National University Admission Exam by Higher Education Credit and Hostels Institution (KYK).

Trendyol & TOG Education Scholarship: Awarded to 50 undergraduate students based on university entrance ranking and academic achievement in the university.

Haydarpaşa Anatolia High School Salutatorian Award: Graduated as the second-highest ranked student in my class.

Bending Spoons Transcend 2022: Selected to be one of the 5 students from Turkey and 25 students from Europe to receive exclusive, one-on-one mentorship from a senior engineer at Bending Spoons.

LANGUAGES

Turkish: Native language
English: Advanced level

- 10.2022 - IELTS 8.0
- 06.2019 - BUEPT − A
- 06.2019 - 99th place in University Entrance Exam Foreign Language

Skills

Languages: Python, Java, Scala, C++, SQL

Tools: LaTeX, Git, MySQL, SQLite, VS Code, Eclipse, Jupyter Notebook, Google Colab, IntelliJ, Alibaba E-MapReduce Service

Frameworks & Libraries: TensorFlow, Django, Django REST Framework, NumPy, Spark

Volunteer Experiences & Participations

VIP Fen Bilimleri   Istanbul, Turkey
Tutor   *Sep 2018 – Feb 2020*
- Provided individualized assistance to students preparing for the national university entrance exam and facilitated problem-solving sessions to address any questions.

inzva   Istanbul, Turkey
Participant
- Algorithm Program 2020-2021
- Algorithm Competition Winter Camp 2022
- Algorithm Program Spring 2022
- Google Developers & inzva Machine Learning Bootcamp Turkey

MOOCs & Professional Certificates
DeepLearning.AI
- Machine Learning
- Deep Learning Specialization
- DeepLearning.AI Tensorflow Developer Specialization
- TensorFlow Professional Developer Certificate

Relevant Coursework

Major: Introduction to Computing, Introduction to Object Oriented Programming, Matrix Theory, Discrete Computational Structures, Data Structures and Algorithms, Systems Programming, Analysis of Algorithms, Intro. Probability and Statistics, Principles Of Programming Languages, Introduction to Signal Processing for Computer Engineers, Operating Systems, Operations Research, Formal Languages and Automata Theory, Introduction to Database Systems, Development in Software Engineering

Complementary: Introduction to Artificial Intelligence, Complexity Theory, Parallel Processing