

# Karahan Sarıtaş

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## EDUCATION

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### Boğaziçi University

*B.Sc. in Computer Engineering - GPA: 3.88/4.00*

*Ranked 4 out of 144*

Istanbul, Turkey

*Sep 2018 – Jun 2023 (Expected)*

### Haydarpaşa Anatolia High School

*High School Diploma - GPA: 98/100*

Istanbul, Turkey

*Sep 2014 – Jun 2018*

## EXPERIENCE

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### Trendyol

*Associate Developer*

Istanbul, Turkey (Remote)

*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+

*Data Science Intern*

Istanbul, Turkey (Remote)

*Aug 2021 – Oct 2021*

- Developed **automated web scraping tools** using Selenium and BeautifulSoup in Python
- Technology Stack: Python, Neo4j, BeautifulSoup, Selenium

### Boğaziçi University

*Undergraduate Teaching Assistant*

Istanbul, Turkey

*March 2021 - June 2022*

- Spring 2022 - Introduction to Object Oriented Programming
- Fall 2021 - Introduction to Computing
- Spring 2021 - Introduction to Computing

### VIP Fen Bilimleri

*Teaching Assistant*

Istanbul, Turkey

*Sep 2018 – Feb 2020*

- Individual support of students for their entrance exam, mostly focused on problem-solving sessions

## SCHOLARSHIPS & ACHIEVEMENTS

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

**National University Admission Exam (Foreign Language):** Ranked 99<sup>th</sup> 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 top 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

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**Turkish:** Native language

**English:** Advanced (IELTS 8.0 in 2022)

## SKILLS

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

**Tools:** L<sup>A</sup>T<sub>E</sub>X, Git, MySQL, SQLite, VS Code, Eclipse, Jupyter Notebook, Google Colab, IntelliJ, Alibaba E-MapReduce Service

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

## CERTIFICATES & PARTICIPATIONS

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**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

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**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, Machine Learning, Introduction to Information Retrieval, Artificial Intelligence in Healthcare