

# SERHAN OSMAN SILAHYUREKLI

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## Education

### Sabanci University

Bachelor of Science in Computer Science and Engineering - CGPA: 3.54/4.00

Sep. 2017 – Feb. 2022

Istanbul, Turkey

### Kadikoy Anatolian High School

Sep. 2012 - Jun. 2017

Istanbul, Turkey

## Experience

### Trendyol

Full Stack Engineer

Mar. 2022 – Present

Istanbul, Turkey

- Developed a tool for sellers that **64%** of them start to use it, to design their store more convenient by using **React.js** and **Nest.js**
- Created a Seller Profile tab for **over 100K** sellers on Trendyol by using **React.js** and **Nest.js**
- Gathered metrics, **over 52M** comments and images from **Kafka topics** with a scheduled consumer
- Build an app for sellers' to design their stores by using **React Native**
- Migrated **110K** WebP images of **30K** sellers to JPEG by using **Typescript**, **PostgreSQL** and **Couchbase**

### Getir

Software Engineer Intern

Sep. 2021 – Feb. 2022

Istanbul, Turkey

- Worked on development and improvement of back end systems for GetirFood using **Node.js**
- Wrote unit and integration tests for GetirFood API with **Jest**
- Participated in **Agile** ceremonies and code sprints employing **Scrum**
- Solved bugs to prevent endpoints from being called unnecessary or incorrectly

Jun. 2021 – Sep. 2021

Istanbul, Turkey

Data Scientist Intern

- Utilized **SQL** for efficient data querying from **AWS Redshift**
- Built an algorithm to place the products in the warehouse optimally to reduce the time for couriers to get product
- Developed **AWS Cloudwatch** logs insights query to detect error existence on logs
- Developed a parallel web and mobile crawler to store contents of more than **30K** products using **Selenium** and Python

### Sabanci University

Learning Assistant - CS 210 Introduction to Data Science

Feb. 2021 – Jun. 2021

Istanbul, Turkey

- Helped students with their data science-related problems in recitations and office hours
- Graded projects of 5 teams and supervised them

### PURE - Sabanci University

Undergraduate Research Assistant

Jun. 2020 - Aug. 2020

- Developed a web scraper to collect **over 1 million** TV series' data from IMDB
- Built prediction models by using machine learning algorithms to classify TV series into success categories using **Python**
- Built **RESTful API** using **Node.js** and **Express**

## Technical Skills

**Languages / Databases:** TypeScript, Python, JavaScript, Go, Java, React.js, PostgreSQL, Couchbase, MongoDB, Redis

**Technologies:** Node.js, Docker, Git, GitHub, Bitbucket, GitLab, Jira, Kubernetes, Argo CD

## Leadership / Extracurricular

### Sabanci University SIAM Student Chapter

Co-Founder & Board Member

Sep. 2021 - Feb. 2022

### Civil Involvement Projects

Teaching Student

Feb. 2018 - Jun. 2018

- Helped kids to understand better about how to solve questions about coding which are too hard for kids and helped primary school kids to improve their coding skills