

# SERHAN OSMAN SILAHYUREKLI

ISTANBUL, TURKEY

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## Experience

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### Trendyol

Mar. 2022 – Present

Full Stack Engineer

Istanbul, Turkey

- Developed a tool that **64%** of sellers are starting to use for designing stores more conveniently 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**
- Programmed a **Kafka consumer** to gather **over 52M** data from multiple Kafka topics
- Built an app for **over 100K** sellers to design their stores, by using **React Native**
- Migrated **110K** WebP images of **30K** sellers to JPEG by using **Typescript**, **PostgreSQL** and **Couchbase**
- Presenting the features developed by my team at the monthly meetings

### Getir

Sep. 2021 – Mar. 2022

Software Engineer Intern

Istanbul, Turkey

- Worked on development and improvement of back end systems for GetirFood using **Node.js**
- Wrote unit and integration tests for **60%** of the GetirFood API endpoints with **Jest**
- Solved bugs to prevent endpoints from being called unnecessary or incorrectly

Jun. 2021 – Sep. 2021

Data Scientist Intern

Istanbul, Turkey

- 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

Feb. 2021 – Jun. 2021

Learning Assistant - CS 210 Introduction to Data Science

Istanbul, Turkey

- Assisted students with data science-related problems in recitations and office hours
- Guided and graded projects of 5 students

### PURE - Sabanci University

Jun. 2020 - Aug. 2020

Undergraduate Research Assistant

- 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**
- Designed a **RESTful API** using **Node.js** and **Express**

## Education

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### Sabanci University

Sep. 2017 – Feb. 2022

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

Istanbul, Turkey

## Technical Skills

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**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

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### Sabanci University SIAM Student Chapter

Sep. 2021 - Feb. 2022

Co-Founder & Board Member

### Civil Involvement Projects

Feb. 2018 - Jun. 2018

Teaching Student

- Taught primary school kids how to solve coding questions and helped kids to improve their coding skills