

# Göktuğ Başaran

COMPUTER ENGINEER

Istanbul, Turkey

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## Work Experience

### Trendyol Group

Istanbul, Turkey

DEVELOPER IN TEST

July 2022 - Current

- Developed Component Based Snapshot testing and helped develop Scroll Helper for iOS UITests. Component based snapshot testing increased our coverage and decreased flakiness whereas scroll helper sped up our test suite by almost 50%
- Lead a small project and redesigned the entire SDET interview process with more modern, maintainable and documented test case.
- Performed non-functional load tests before campaign days.
- Participated as a speaker in Test Days 2024
- Designed and ran manual tests for Trendyol and Trendyolmilla iOS Mobile Application
- Designed and developed automated test suite

### Huawei Technologies Co. Ltd.

Istanbul, Turkey

SOFTWARE TEST ENGINEER

Jun. 2021 - Jun. 2022

- Designed and ran manual test cases for Petal Maps Studio
- Designed and implemented automated test suite for Petal Maps Studio web app from scratch.
- Implemented automated test cases for Petal Maps mobile application.
- Performed non-functional load and security tests.

### YapıKredi Technology

Istanbul, Turkey

MOBILE DEVELOPER INTERN

Aug. 2018 - Sep. 2018

- Implemented "Contacts" functionality for the Corporate Mobile Banking Application.
- Learnt mobile and software development methodologies in projects with large teams.

### Diebold Nixdorf

Istanbul, Turkey

SOFTWARE ENGINEER INTERN/FULL-TIME

Sep. 2018 - Aug. 2018

- Designed and developed an object-oriented software in Java that enables ATM technicians to be able to access and change BIOS settings of the ATM computers remotely.
- Prepared test plans and test cases based on requirements and prepared a developer's manual.
- Started as an intern, then was hired for the duration of the project.

## Education

### Istanbul Technical University

Istanbul, Turkey

B.S. IN COMPUTER ENGINEERING

Sep. 2016 - Jun. 2021

- GPA: 3.27

## Skills

#### Programming

Swift, Python, C, C++, Go, Java

#### Frameworks

XCUITest, Cypress, Appium, ROS, OpenCV, PyTorch, Flask

#### Tools

Git, PostgreSQL, Heroku, Jira

#### Languages

Turkish (Native), English (Advanced), German (Beginner)

#### Operating Systems

Linux, Windows, MacOS

## Relevant Coursework

### Object Detection and Navigation using ROS

ROBOTICS

Fall, 2018

- Simulation of a quadrotor drone using ROS and Gazebo in Ubuntu. The drone uses its camera to distinguish objects and navigates.

## Brain illness prediction with Logistic Regression

LEARNING FROM DATA

Spring, 2020

- Given a data of healthy and ill brain with more than 50 features, tried to predict the illness of a new patient using Logistic Regression in a Kaggle Competition. My team ranked 6<sup>th</sup>.

## Extracurricular Activity

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### Uzaktan Akademi - YouTube Channel

Istanbul, Turkey

CONTENT CREATOR / CO-FOUNDER

Sept. 2020 -

- Created a Youtube channel for free online education on various subjects (www.youtube.com/uzaktanakademi)
- Created courses on C programming, Computer Vision with Python, Algorithms.
- Collaborated with YTU Spark-ed for free workshops on Python and Computer Vision
- Collaborated with 'Argüman Fabrikası' for workshops on Python Programming

### ITUNOM UAV Team

Istanbul, Turkey

SOFTWARE SUBTEAM LEAD

Nov. 2018 - Jun. 2020

- Managed a team of 3-4 developers.
- Wrote highly maintainable, solid code in Python for "object detection, classification and localization" system that formed a core framework and has a huge potential to win the team a reward.
- Devised solutions to make our algorithms run faster, speeding up at least 50%
- Started designing a website for both public and internal affairs of the team.

### ITU Volunteering Club

Istanbul, Turkey

VOLUNTEER

Nov. 2016 - Feb. 2020

- Took part in 3 different projects, as well as being the social media responsible and Volunteering Summit Organizer.
- Bir Başka Yol - Teach Maths and Physics to high-school students who cannot afford to have proper education or course material.
- Umut Okulu - Provide resources such as school equipment, clothing etc. for children in need in the villages of Turkey.
- Benimle Oynar Mısın - Entertain children who are receiving long-term treatments in hospital by a variety of workshops.

## Honors & Awards

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2021	<b>Future Star</b> , Huawei	Istanbul, Turkey
2019	<b>1<sup>st</sup> Place</b> , Teknofest, Fighter UAV, Fixed-Wing Category	Istanbul, Turkey
2019	<b>8<sup>th</sup> Place</b> , AUVSI SUAS, UAV Competition	Maryland, U.S.A
2017	<b>Participation</b> , YapıKredi Technology, Hackathon	Istanbul, Turkey
2015	<b>Participation</b> , Destination Imagination, Global Finals	Tennessee, U.S.A
2015	<b>1<sup>st</sup> Place</b> , Destination Imagination, Regionals - Turkey Finals	Istanbul, Turkey
2015	<b>1<sup>st</sup> Place</b> , İşık Okulları, 9 <sup>th</sup> Scientific Pentatlon	Istanbul, Turkey