

Baran Önen

PROFILE

An 18 year old student who's interested in software development, engineering, railways and aviation.

EDUCATION

Evrım Private Schools — 2009 - 2017

- Joined the IT club and learned programming
- Made lots of small Scratch games together with other students

Sevinç College — 2017 - 2018

- Graduated third in school

Sakıp Sabancı Anatolian High School — 2018 - 2022

- This school accepted only the top %0.78 of students in the past 3 years

Technical University of Darmstadt — 2022 - current

- Attending the DSH/German courses with the aim of studying Informatik

EXPERIENCE

Institut für Bahnsysteme und Bahntechnik - TU Darmstadt

Student Assistant — 2023 - current

Working on the development of the "ATO over ETCS" project.

Loth Robotics - Robotics Club of Sakıp Sabancı Anatolian High School

Programmer — 2019 - 2020

Developed the code of our FRC (First Robotics Competition) robot in cooperation with a different vocational high school. Designed and developed our new website.

Team Captain — 2020 - 2021

Led the development of a new FRC robot in the peaks of the pandemic. Founded a new UAV and robotics team, CyberFlight to participate in the Teknofest UAV competition.

General Coordinator — 2021 - 2022

Helped the new students in the development of new robots. Took part in the decision-making team to choose which competitions the team should participate. Prepared the technical documents and led the team in the development of a new competition about railway vehicles organized by us. Got a sponsorship from Metro İstanbul.

Ventence

Tech News Editor — 2020 - 2021

Wrote news about important developments in technology, science and aviation every day. Helped the development team maintain the website which was powered by WordPress.

CyberFlight

Founder and Team Captain — 2021 - 2022

Founded a new UAV team in order to participate in the Teknofest UAV Competition organized in Bursa, Turkey. Gathered financial support from TÜBİTAK with the success of design reports prepared by our team.

TurkishKit

Content Creator & Developer — 2021 - current

Developed example apps using Swift and wrote blog posts about Swift libraries in Medium. Took part in the organization of online events about WWDC in the pandemic.

ACHIEVEMENTS & OTHER ACTIVITIES

Apple Swift Student Challenge 2021 Winner

Won the challenge with a Swift Playground Book project that teaches people how UPC-A type barcodes work.

TÜBİTAK 4006 Science Fair Participant

Participated in the science and technology fair with a project that allows pilots to fly with higher G-force limits. The projects in the fair were financed by TÜBİTAK.

SKILLS

- Team Management
- HTML - CSS - JS
- Python
- Swift
- SwiftUI
- Apple iWork (Pages, Keynote etc.)
- Sketch (2D Graphic Design App)
- SketchUp (3D Design and Modelling App)

LANGUAGES

- Turkish - Native Speaker
- English - B2
- German - C1

Contact:

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