**SEMIH KESGIN** [**LINKEDIN / semihkesgin**](http://www.linkedin.com/in/semihkesgin)

**CONTACT & PERSONAL INFORMATION**

Istanbul, Turkey

TR +90 552 261 95 64

[semihkesgin@outlook.com](mailto:semihkesgin@outlook.com)

**Date of Birth / Location:** 18/07/1999 / TR

# Driving License: B/B1

**Military Service:** Postponed *(2028)*

**INTERESTS** Mobile Application Development & Design UI, Unmanned System , Rocket Science, Innovation & Entrepreneurship, Formula 1

**ACADEMIC BACKGROUND**

**SEP’18 – STILL**

**SEP’13 – JUNE’17**

**Istanbul Gelisim University**, Istanbul

**Computer Engineering** | Engineering Faculty

# M. Emin Sarac Anatolian Imam Hatip High School, Istanbul

**High School Diploma** | Science Track

**WORK EXPERIENCE**

**June’22 – Sep’22 Internship / Baykar Technology Test - Research and Development**

I worked in the field of flight systems development and piloting on unmanned aerial vehicles. (TB2 & Akıncı)

**AUG’21 – Sep’21 Internship / Basaksehir Living Lab**

By taking part in living lab, we provide consultancy services to innovative start-ups and projects.

**AUG’20 – STILL Freelance**

I'm developing a cross-platform mobile app with Flutter.

**SELECTIVE PROJECTS & PROGRAMS**

2020 – 2021

2020 – 2022

2019 – 2020

2017 – 2019

2017 – 2019

**Ground Control Station and Avionics System Engineering design for Rockets Teknofest Rocket Competition 21 /** 10.000ft. Atitude Category Finalist.

**Teknofest Rocket Competition 20 /** 10.000ft. Altitude Category Finalist.

# Armed & Civillian Unmanned Autonomous Sea Vehicle Design & Development Innovative Solutions for the Seas and Waterways. & İstanbul Metropolitan Municipality Unmanned Areal Vehicle Design & Software Product.

**Unmanned Ground Vehicle /** Driving Systems Software

**Teknofest Swarm UAV Competition /** Team Lead & Flight System Attendant

**KEY QUALIFICATIONS & PROJECTS**

**KEY QUALIFICATIONS**

**TERM PROJECTS**

Mobile Application Development, Unmanned System Development , Rocket Science, Innovation & Entrepreneurship

**IOS & Android App. Development | Rota Navigation & Maps** *(M.Sc. Mobile Programming Skills)*

* Built for IOS and Android platforms using Flutter.
* It is developed using MVM Architecture.
* It was developed as a Map and Navigation application. It can be used as a package.
* Supported by Google API services.

**User Interface Design | Mobile Bike App** *(M.Sc. Mobile Programming Skills)*

* 30 pages created with Figma for clickable mockup
* 20 different pages designed
* Site map and interaction map for reporting
* I worked on cross-platform applications with responsive design.

**Ground Control Software | For Rocket & Areal Vehicles** *(M.Sc. Rocket Science)*

* Design and Development Avionics Communication component & programming.
* Processing the incoming data and watching it on the computer screen.

**Online ATM Services| For Console Screen** *(Development.)*

* Copying the functionality of a sample ATM device within console screens
* Leading the team was my role in communicating w/ the team (road map & debug)
* This project, which started out as an assignment, was later completed and shelved. Written in C language

AVAILABLE UPON REQUEST