

# UMUT GÜRBÜZ

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## EDUCATION

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**Middle East Technical University**, 3rd Year Student

**Major:** Electrical and Electronics Engineering - **cGPA: 3.74/4.0**

**Minor:** Computational Science and Engineering - **cGPA: 3.83/4.0**

**İzmir Atatürk High School**, Graduation: 2019 - **cGPA: 95.74/100**

- Ranked 125th out of 2.4 million students in the Turkish University Exam in 2019.
- Bülent Kerim Altay Prize for 2021-2022 Fall Semester.

## SKILLS

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<b>Programming Languages</b>	Python, C++
<b>Programs</b>	LTSpice, MATLAB, Siemens NX, Quartus
<b>Languages</b>	Turkish(Mother Tongue), English
<b>Concepts and Tools</b>	Git, LaTeX

## EXPERIENCE

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**METU Communication Networks Group**

September 2022 - Today

METU EE Star Student

- Created a Chirpstack LoRa Server on a gateway and connected LoRa end devices.
- Currently working on the implementation of AoI based communication protocols into LoRaWAN protocol.

**UDEA Elektronik**

July 2022 - August 2022

Internship

- Designed PCB using Altium Designer.
- Bare-metal coded STM8 and STM32 cards.

## PROJECTS

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**Maze Solver - IEEE RAS METU (2019)**

- Coded a maze solving algorithm in C++.

**TÜBİTAK - Unmanned Aerial Vehicle Competition (2017)**

- Worked on the electronic design of the drone and color detection algorithm.

**İzmir Yeni Sistemli Koleji Computer Olympiad (2016)**

- Coded some algorithms for the given competitive programming questions.