

# Saltuk Buğra ÖZELGÜL

## Software Developer

Hi this is Saltuk! I am interested in image processing and deep learning, doing web development and learning cloud systems.



/saltukozelgul



/saltukozelgul



saltukozelgul@gmail.com



saltukozelgul.github.io

### Projects



#### Full Stack Web Developer

**Kokonut** is a web application that collects data from popular real estate sites and presents it to us on a single page and makes it easier to find a house.

July 2022 - August 2022 (1 Month)

- Data was collected using **web scraping** libraries and **Selenium**.
- The collected data was displayed on a single page with a user-friendly interface on a **Django** web server.
- Live Demo: <https://kokonut.herokuapp.com/>

#### Software Systems Specialist

**MST UAV Team** is a community that participates in various competitions, especially the TeknoFest competition, and develops unmanned aerial vehicles.

March 2022 - August 2022 (5 Month)

- A model of our own was trained using **deep learning** methods with **TensorFlow**. Although the model was successful in terms of accuracy, it was insufficient in terms of performance.
- The algorithm was rewritten using only **OpenCV** functions without going into any **deep learning** process and it was found to be sufficient in terms of accuracy and performance.
- Algorithm Test Video: <https://youtu.be/uDJ1ishrPcA>

#### Software Developer

I took a little initiative to help students to socialize in quarantine circumstances. We implemented a bot, with various beneficial features for the students.

October 2021 - November 2021 (1 Month)

- Bot was using **Discord API** & **Youtube API** on **Node.js** server.
- For data management I have used **SQLite** and **quick.db**.
- I deployed the bot on **AWS servers** and even if it crashes in case of any error, I have it booted up again with **forever**.
- Source Code: <https://github.com/saltukozelgul/gaziasistan>

### Volunteer Works

#### Web Design Manager.

(December 2022 - Present)

I design a website for the cinema community that I am on the board of management on Gazi University.

#### Content Creator.

(June 2022 - Present)

I create software & tech content for educational purposes on Youtube.

#### Member, MST.

(November 2021 - Present)

I am an active member of Modern Defence Technologies (MST) community that organizes technical tours and public lectures.

### Education

#### Gazi Üniversitesi - Ankara, Turkey

B.S. in Computer Engineering  
Expected 2024

- GPA: 3.66 / 4.00

### Work Experience

#### Freelancer - Bionluk, Fiver

- I design websites and develop applications for specific purposes that customer wants.