



## Contact

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### Connection

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### Address

Gebze, Kocaeli, Turkey

## Education

2016 - 2021

### Electrical and Electronics Engineering Bachelor Degree

Duzce University, Duzce, Turkey

## Expertise

Confidence;

- Python (Django, Flask, PyTorch),
- Node JS, React JS

Familiar;

- Flutter, React Native,
- Go, C#, Rust, C++
- AWS, MySQL

Management;

- Jira, Trello
- Github, Gitlab, CI/CD,

## Language

English (conventional)

German (beginner)

Turkish (native)

# Yusuf Berkay Girgin

## Software Developer

Multi-tasking Software Developer with 4+ years of experiences in both Software and Electronics industries. Well-acquainted with database engineering, data warehouses, and data processing. Knowledgeable in Python frameworks related to data such as SciPy, NumPy, Matplotlib. Machine Learning Developer with data collecting, processing and launching production experience in PyTorch, Scikit-Learn

## Experience

### 2022/12 - Present...

Usersdot E-Commerce and Consulting | Istanbul, Turkey

#### Data Engineer (Python)

- I am a member of team which is creating a data scraping infrastructure that will run dynamically

### 2021/11 - 2022/12

ArmaDx Technology | Kocaeli, Turkey

#### Machine Learning Developer 2022/06 - ...

In a domestic Search Engine project, I am;

- Creating folder structure and code architecture for Python development,
- Developing Neural Network structures, training/validation basics for future use,
- Leading Natural Language Processing (NLP) and Image Processing teams.
- We have improved image-based search results by 80% so far

#### Backend Developer (NodeJS & Django) 2021/11 - 2022/06

In a domestic Search Engine project, I;

- Created an API for the data collected by spider bots in the big data database.
- Built multi-tool Admin Panel for administration controls
- Created better user experience focused authentication system
- Was part of a team working on accelerating database requests in speed and consistency.

### 2021/06 - 2021/10

Ayhan Computer and Electronics LTD | Sakarya, Turkey

#### Embedded System Developer Intern

- I was part of a team that built server systems, designed electronic circuits, and wrote embedded system code.
- I wrote an embedded system code that works with 82% efficiency and it ran on 4000 ARM processors.

### 2020/01 - 2021/10

Self Employment | Sakarya, Turkey

#### Freelance Software Developer

- I made project-based solution agreements with individuals and companies in the fields of artificial intelligence, web, robotics.
- I opened a basic and intermediate python course for people of all ages.

### 2019/05 - 2020/01

Realkom Textile LTD | Duzce, Turkey

#### Full Stack Developer (.NET & Python) 2019/07 - 2020/01

In the team I'm part of I;

- Set up a database system to store the information and counts of the products produced
- Wrote a multifunctional API that will pass the saved data to the frontend team
- The project of my team provided 96% efficiency in counting products

#### Software Developer Intern (C++ & Python) 2019/05 - 2019/07

- I tried to adopt the agile system by participating in project meetings, sprints and reviews with the backend software team.