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# YUSUF BERKAY GIRGIN

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🔗 [ybgirgin3.github.io](https://ybgirgin3.github.io)

📍 Gebze, Kocaeli, Turkey

## Education

Duzce University, (August 2021)

Electrical - Electronics Engineering - GPA: 2.88

*Relevant Coursework: Circuit Logic Design; Power Electronics; High Voltage Techniques*

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## Experience

Arma Group Holding; Kocaeli, Turkey

2021 - Present

Machine Learning Developer

- In a domestic Search Engine project, I am developing Neural Network structures and coding infrastructure in order to improve users' search suggestions (*Image Processing, Natural Language Processing*)
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Ayhan Computer and Electronics LTD; Sakarya, Turkey

2021 (June-August)

Short Term Intern

- Was a member of technical crew which build server systems and design electronic circuits
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Realkom Textile LTD; Duzce, Turkey

2019-2020

Research & Development Engineer / Electronics Intern

- I designed electronics circuit and wrote embedded system code to increase product count efficiency.
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## Personal Projects

Mask Detection For Indoor Systems | *Project Owner - February 2020..*

- Mask detection system for indoor places using Python, Darknet
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Fire Detection System | *Project Owner - August 2019 (Final Year Project)*

- Embedded Systems using Image Processing Techniques.
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Linux Desktop Environment Extension - KDE | *Project Owner - August 2019*

- An extension commit to create better environment to developers
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## Skills

### Programming

- Python (*PyTorch, Numpy*)
- JavaScript (*React*)
- Linux (*Ubuntu, ArchLinux*)

### Design

- Eagle
- Proteus
- Autocad