



# ESMANUR ALICAN

COMPUTER ENGINEERING STUDENT

## PROFILE

I am a software developer with strong problem-solving skills and proven experience creating and designing software in a test-driven environment.

## EDUCATION

**09.2023 - 06.2027**

Istanbul University (M.S) Management Information Systems

**09.2018 - 06.2023**

Karabuk University (M.S ) Computer Engineering – Karabuk

**09.2014 - 06.2017**

Gebze Imam Hatip High School - Gebze

## QUALIFICATION

### Programming Languages

C#, C, Java, HTML/CSS, Python,SQL

### Frameworks/Systems

Windows 7, Kali, Oracle, Ubuntu, Ubuntu Server, Colab, Visual Studio, Anaconda

## CERTIFICATES & ACHIEVEMENTS

- 2209-A University Students Research Projects Support Program - Tubitak
- Python for AI (2022) - Udemy
- Data Visualization (2022) - Udemy
- Basic Machine Learning (2022) - Global AI Hub
- Deep Learning and Python (2022) - Udemy
- Machine Learning and Python (2022) - Udemy
- Presentation Techniques (2022)
- Basic Network Training (2021)- Turkcell
- Malware / Reverse Engineering / CTF Trainings(2021) - Sibervatan
- Cyber Security Training / Malware Analysis(2021) - SiberVatan
- Database Design and Database Programming with SQL(2021) - ORACLE
- Cyber Security Training(2020) - Bilişim Vadisi
- Network Packet and Protocol Analysis(2020) - Bilişim Vadisi
- MS Office Programs(2020)

## WORK EXPERIENCE

**03.2023 - Present**

**Full-time Intern in El-Ya Mekatronik**

- I am gaining experience in the operation of company procedures.
- How 3D printers works and their interface's.

**07.2022 - Present**

**AI Researcher in SimurgAI**

- Searching new technology and writing a blog about them.

**07.2022 - 09.2022**

**Student Assistant at Karabuk University**

- I made an assistantship with my university teacher at programming lecture lab.

**03.2022 - 03.2023**

**Volunteer Intern in GLC Muhendilik & Otomasyon**

- I made project about detection of PPE with using YOLO.

**11.2021 – Present**

**Software team member in Karkus Drone Team**

- Software development for image processing with python.
- Construction of the necessary configurations for the autonomous flight of the Drone.

**04.2021 – 09.2021**

**Malware Analyst - Intern in ZAYOTEM**

- Install programs in a virtual environment and extract files and pertinent information coordinate the department's activities.
- Research emerging vulnerabilities or attacks.
- Perform other duties as assigned by management.
- Conduct research and planning for strategy development in response to real-time operational requirements
- Create new virtual environments for testing.

**07.2021 – 08.2021**

**Information Technologies Intern in Gebze Municipality**

- IP, subnet mask, port logic, switch configuration, IP classes and VLAN definition to the switch.
- Cloud computing system vulnerabilities and solution ways
- Making the necessary configuration for the cloud system by installing FTP Server on the Ubuntu Server system.

## LANGUAGES

TURKISH (Native)

ENGLISH (Intermediate)

## CONTACT INFORMATION

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**Github: <https://github.com/esmnralican>**