

Bahadır Umut İşçimen

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SUMMARY

As an AI engineer, my goal is to be involved in all levels of AI. So far, I have been involved in cyber security, telecommunication software, web design and backend, machine learning, deep learning, image processing, and DevOps projects. If we continue to work with you, I will gladly show you all my competencies.

SKILLS

- **Skills:** Python, C++, JavaScript, Linux, Front-End, Machine Learning, Computer Vision, Deep Learning, MLOps, OCR, NLP, NumPy, Scikit-Learn, Tensorflow, Pytorch, AWS, Azure, Data Science, SQL

WORK EXPERIENCE

TEXINSIGHT

Oct. 2023 – Aug. 2023

Artificial Intelligence Engineer

Teknopark Istanbul, TR

- Newky by TEXINSIGHT turns mobile phones into secure digital keys, enhancing access management for vehicles and systems, and saving time and money while boosting security ([newky.co](#)).
- As an Artificial Intelligence Engineer, I created new approaches and solutions according to the project flow.
 - Increased OCR reads on mobile devices from 20% performance to 85%.
 - Integrated a liveness detection project with a depth analysis approach.
 - Implemented a system that reports and alerts the coordinates and types of ships in ports.
 - In the production factory, I developed a system that masks product defects with segmentation, measures, and lengths of the parts according to coordinate comparison and ensures accuracy.
- **Dev Stack:** Python, JavaScript, SQL, OpenCV, Pytorch, Scikit-Learn, gRPC, FastAPI, Flask, Docker, AWS

Upwork

Jan. 2022 – Jan 2023

Artificial Intelligence Engineer

Bilisim Vadisi, TR

- As a freelancer, I worked full-time and interned at a company that produces technology on automation and embedded systems in Turkey.
 - Detection of employees' protective gear.
 - Tracking the time of entry to the work area using the face attendance system
 - Staff location tracking software with the camera using an artificial intelligence model.
- **Dev Stack:** Python, OpenCV, Face Detection/Recognition, CUDA, Pytorch, Yolo

Cyber Struggle ([cyberstruggle.org](#))

Jun. 2021 – Sep. 2021

Intern

Istanbul, TR

- Gained basic knowledge about cybersecurity penetration tests and used them with machine learning.

Telenity ([telenity.com](#))

Jul. 2021 – Aug. 2021

Intern

Istanbul, TR

- Gained experience in telecommunications communications.

EDUCATION

Sakarya University of Applied Sciences

Graduation Month, Year

BS, Electrical and Electronic Engineer

Sakarya, TR

- In my 8 semesters of university life, I succeeded in the top 10 in 4 semesters.