

HUMEYRA CIMEN

AI Developer / Deep Learning & Computer Vision / Python / Full Stack Developer

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PROFESSIONAL SUMMARY

AI Developer with expertise in Deep Learning, Machine Learning, and Computer Vision. Experienced in developing AI-driven systems, edge computing applications, and full-stack web solutions. Proficient in Python, TensorFlow, and Unity, with strong collaboration and problem solving skills. Adept at building intelligent systems and delivering innovative technology aligned with 2025 industry standards.

EXPERIENCE

KUL ELEKTRONIK

Bursa, Türkiye

AI Developer: Reference, Basri Kul, 532 744 94 15

10.2023 – 11.2025

- Built a deep learning-based system for real-time hygiene monitoring in food production areas, reliably distinguishing compliant and non-compliant behaviors to improve inspection efficiency.
- Built AI-based fault detection systems using brake and suspension signal data from heavy-duty vehicles, achieving reliable early fault prediction in real-world conditions.
- Developed AI-driven control methods for a robotic arm for mimicking natural human reflexes.
- Designed and developed the Flutter application for [Lyra](#), integrating an end-to-end speech-to-action pipeline with STT, LLM-based intent parsing, and TTS to enable voice-controlled operation on connected devices.
- Developed a custom AI chatbot, providing voice and text-based information on projects, products, and company details to site visitors.

ATF STUDIO

Ankara, Türkiye

Unity Game Developer: Reference, Oğuz Hazneci, 538 308 98 54

08.2023 – 10.2023

- Contributed to 2D and 3D game projects, gaining hands-on Unity experience.

BURULAS

Bursa, Türkiye

Web Developer: Reference, Mesut Bal, 544 345 33 34

08.2022 – 10.2022

- Built a mobile and web application with a focus on usability and smooth user experience.
- Developed a Java-based door access system using RFID cards with entry log tracking.
- Built a Java-powered parking system with weight sensors and license plate recognition for secure access.

SETINT AI Hospital

Istanbul, Türkiye

AI Developer

02.2022 – 04.2022

ASE Bilişim

Remote

Project Manager and Full Stack Developer: Reference, Bilal Oruç, Firma Yetkilisi, 537 412 71 90

01.2021 – 10.2021

- Led a 7-member team in managing and developing a Django-based project, overseeing project planning, progress tracking.

EDUCATION Bursa Technical University

Bursa, Türkiye

Computer Engineer [GPA:3.25/4]

2019-2024

English Preparatory Program [80-100]

2019

Tomarza Science High School

Kayseri, Türkiye

Graduation [GPA:88/100]

2015-2019

LEADERSHIP & ACTIVITIES

Matro Teknofest - Team Leadership: Reference, Fatihcan Uslu, 5512352642

02.2020 – 03.2021

- As the Software Team Lead of the Matro Submarine Technofest Team, led the software development of an underwater vehicle project, focusing on device and motor control, and contributed significantly through effective communication and team coordination.

Global AI Hub - Core Member And Global Mentor

02.2019 – 06.2022

- Participated in and managed many bootcamps at the Global AI Hub, teamed up with many people, managed bootcamps.

SKILL & INTERESTS

Technical: Python, YOLO, Flutter, TensorFlow, Pytorch, C#, C, Java, SQL, WEB Programming (Php, Js, Mysql, Sveltekit, Tailwind)

Language: English Professional Work Competence

Interests: Passionate about exploring the latest technological developments and enjoy coding personal projects, participating in hackathons, and staying up to date with industry trends. Also a fan of science fiction and technology-related films. Engaging in outdoor activities such as hiking and photography reflects my commitment to maintaining a balanced lifestyle.