

Ünal Büyükköroğlu

Ortaköy, BEŞİKTAŞ/İSTANBUL 34347 | +90 505 210 27 26 | ubuyukkoroglu@outlook.com | [GitHub Profile](#) | [LinkedIn Profile](#)

Profile

Computer Engineering student specializing in AI and machine learning. Passionate about developing AI-driven solutions, with experience in R&D, automation, and data analysis. Actively building a strong portfolio with real-world projects.

Experience

IT INTERN | SUNGLASS HUT | NOVEMBER 2023 – MAY 2024

- Assisted in inventory management.
- Installed hardware components.
- Diagnosed and resolved hardware malfunctions.
- Troubleshoot and resolved issues with operating systems and other software.

COORPORATE COMMUNICATIONS ASSISTANT STUDENT | BAHECESEHIR UNIVERSITY | SEPTEMBER 2022 – JUNE 2023

- I represented the university to prospective students, providing information and guidance through programs such as studying abroad or obtaining a second degree from international universities.
- Facilitated introductions to the university, offering insight into various departments and programs, including the field of computer engineering, to students interested in pursuing studies in this area.
- Collaborated with professors to organize and conduct departmental introductions, aiming to inform and attract students to the engineering department.

SALES ASSOCIATE (WORK AND TRAVEL) | SUNSATIIONS INC. | JUNE 2023 – OCTOBER 2023

- Provide customer assistance by understanding their needs, explaining product or service details, and ensuring customer satisfaction.
- Offer comprehensive information about the products available in the store, including features, benefits, and pricing details.

R&D INTERN | ORION INNOVATION | FEBRUARY 2025 – CONTINUE

- Configure and automate systems using Ansible to improve deployment and management processes.

Education

COMPUTER ENGINEERING | OCTOBER 2020 – JUNE 2025 (EXPECTED) | BAHCESEHIR UNIVERSITY, ISTANBUL, TURKEY

Skills & Abilities

- Python Knowledge (TensorFlow, YOLO)
- Power Automate Knowledge
- Excellent interpersonal and communication skills
- Excel Knowledge
- AI Knowledge
- Proficiency in English (B2-C1)

Additional Interests

- **AI-Assisted Smart Growbox:** Developing a smart growbox system that using TensorFlow and YOLO models. The system optimizes environmental conditions for plant growth through image processing and sensor data analysis, ensuring efficient and healthy growth.
- **Football Tactics Analysis Application:** Created an application to analyze football tactics using YOLO models for player and ball tracking. The project includes a Flask-based user interface where users can upload match recordings. Integrated GPT via API to generate real-time commentary and insights based analyzed match statistics.
- **Premier League Match Result Estimator:** Designed a predictive model for Premier League match outcomes using Random Forest. Utilized web scraping to gather historical match data and player performance metrics, integrating them with user-provided inputs like current form and starting lineup. Focused on dynamic weight adjustments to enhance prediction accuracy.