

Mahmoud Mayaleh

Computer Engineer

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EDUCATION

Bachelor of Engineering: Computer Engineering

Ankara, Türkiye

Ostim Technical University 🌐

GPA: 3.3 / 4.0

PROFESSIONAL EXPERIENCE

Back End Developer

02/2024 – present

Ostim Technical University - IT department

Ankara, Türkiye

- Currently contributing to the development of customized Odoo ERP modules & controllers at Ostim Technical University

Machine Learning Intern

12/2023 – 02/2024

SoftwareOne

Istanbul, Türkiye

- Engineered and implemented a robust machine-learning model during the internship.
- achieving an outstanding 85% accuracy rate in data classification using Pandas and NumPy.
- Collaborated closely with cross-functional teams to refine and optimize machine learning algorithms, resulting in a 20% improvement in model efficiency.

Technical Intern

08/2023 – 10/2023

ArkSigner 🌐

Ankara, Türkiye

- Engineered an innovative machine learning model boasting a remarkable 90% accuracy rate in object detection.
- Spearheaded the development of cutting-edge solutions, resulting in a 25% improvement in efficiency and a 15% reduction in project timelines through the application of advanced AI technologies.
- Optimized existing processes by introducing advanced AI technologies, leading to a 30% increase in overall system performance and a more streamlined workflow.

Part-time Technical Assistant

07/2022 – 03/2023

Ostim Technical University - IT department

Ankara, Türkiye

- Expedited resolution of hardware and software challenges for end-users, achieving a 95% student satisfaction rate through effective troubleshooting techniques.
- Oversaw the management and maintenance of the university website and student information system.
- Ensuring seamless functionality and accessibility for over 10,000 users.
- Implemented proactive maintenance strategies to anticipate and address potential issues, resulting in a further 10% decrease in downtime and an enhanced user experience across the university's IT infrastructure.

Internship

01/2022 – 02/2022

Vedubox LMS 🌐

Ankara, Türkiye

- Played a pivotal role in a focused project centered on user systems, showcasing proficiency in C# programming to elevate and optimize system performance.
- Took a leadership role in a collaborative effort, refining, and innovating features., resulting in a 30% improvement in user engagement and satisfaction.
- Implemented scalability solutions in the user systems project, utilizing C# programming skills to accommodate growing user demands, resulting in enhanced system performance and flexibility.

PROJECTS

ChatBot using Neural Networks

This project implements a simple chatbot using neural networks, specifically a feedforward neural network trained on intents extracted from a JSON file. The chatbot can understand and respond to various user queries by classifying them into predefined categories









Sentiment Analysis on Social Media Comments

Performed professional sentiment analysis using Python, pandas, matplotlib, NLTK, and scikit-learn. Extracted nuanced emotions from text for insightful decision-making.

Sales Forecast

Conducted a sales forecasting project using Linear Regression in Python, employing NumPy, pandas, and Matplotlib. Evaluated model performance with metrics like mean squared error, mean absolute error, and R2 score, providing valuable insights for informed decision-making in sales analytics.

CERTIFICATES

- PyTorch for Deep Learning with Python Bootcamp 
- Intermediate Python Course 
- Networking Basics 
- Data Manipulation with Pandas 
- Introduction to Cybersecurity 
- Introduction to SQL
- Data Visualization with Seaborn 
- Build Responsive Real-World Websites with HTML and CSS 
- Understanding Machine Learning 

PROGRAMMING LANGUAGES

Python — Proficient

C++ — Proficient

HTML — Competent



CSS — Competent

C# — Competent

SKILLS

- Programming
- Machine learning
- Data Analysis
- Project management
- Agile Project Management

LANGUAGES

Arabic  English 
Turkish 