

Mahmoud Mayaleh

Computer Engineer

✉ mahmoudmayaleh@gmail.com ☎ +905372151630 📍 Ankara, Turkey in Mahmoud-Mayaleh

🌐 www.mayaleh.com 🐙 github.com/mahmoudmayaleh

EDUCATION

Bachelor of Engineering: Computer Engineering

Ostim Technical University 🌐

GPA: 3.3 / 4.0

09/2020 – 07/2024

Ankara, Türkiye

PROFESSIONAL EXPERIENCE

Machine Learning Intern

SoftwareOne

12/2023 – 02/2024

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

ArkSigner 🌐

08/2023 – 10/2023

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

Ostim Technical University - IT department

07/2022 – 03/2023

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

Vedubox LMS 🌐

01/2022 – 02/2022

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

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.

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.

CERTIFICATES

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

PROGRAMMING LANGUAGES

C++	<div><div></div><div></div><div></div><div></div><div></div></div>	Python	<div><div></div><div></div><div></div><div></div><div></div></div>
HTML	<div><div></div><div></div><div></div><div></div><div></div></div>	CSS	<div><div></div><div></div><div></div><div></div><div></div></div>
C#	<div><div></div><div></div><div></div><div></div><div></div></div>		

SKILLS

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

LANGUAGES

Arabic	<div><div></div><div></div><div></div><div></div><div></div></div>	English	<div><div></div><div></div><div></div><div></div><div></div></div>
Turkish	<div><div></div><div></div><div></div><div></div><div></div></div>		