

MOHAMED HEDI ELFKIR

Artificial Intelligence Enthusiast

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✉ Ankara, Turkey

EDUCATION

Bachelors in Computer Engineering

Hacettepe University

📅 Sept'20 – June'24 📍 Ankara, Turkey

- GPA - 3.5/4 (Overall), 3.77/4 (CS courses)
- Relevant Courses - Object Oriented Programming, Control Flow, High Order Functions, Data Analytics, Java, Python, Data Structures

High school

Bourguiba Pioneer school

📅 Sep'14 – June'18 📍 Tunis, Tunisia

- Courses: Maths, Physics, Computer Science, Mechanics, Philosophy
- GPA - 4.0/4.0

EXPERIENCE

Community Manager

Association of Computer Machinery, Hacettepe University

📅 Oct'20 – Present 📍 Ankara, Turkey

- Co-managing co'dev(collaborative development) where students share resources and problems about Computer Science, the community grew up to 500 student large.

Vice President

Enactus IPEIT

📅 Sep'18 – Aug'19 📍 Tunis, Tunisia

- Worked on project **Kuseira** (inspired by an accident lead to the death of many working women) which aimed to empower women in rural areas. Had the opportunity to pitch our project in front of jury of 8 Tunisian entrepreneurs and an audience of 200.

PROJECTS (AVAILABLE ON KAGGLE)

🖼️ Artwork Creation

- Style transfer from a reference style image onto the content image of Monalisa using content loss, style loss and Gram matrix functions

🔗 Neural Network from Scratch

- Initialized 6 numpy arrays from Normal distribution, (3 weights 3 biases), applied forward propagation using matrix multiplication , with cache conservation.Finally used the prediction and the cache to do the backward pass.Achieved 91% accuracy on MNIST dataset.

🔍 GRAD-CAM

- Feature extractions and visual explanation based on it through gradient based techniques on a CNN trained on dogs and cats dataset.

🏆 EDA Olympics

- Performed Exploratory Data Analysis on more than 35k Olympic Medals awarded since 1896 to understand and visualize gender ratios, country ratios and several other co-relations.

ACHIEVEMENTS



EY Data Science Challenge

Ranked 23 worldwide in the fire mapping challenge with the deep UNet and clustering approach.



Microsoft Beta Student Ambassador

Selected ambassadors from all over the world are provided with a platform to network with professionals as well as with other like-minded students to collaborate, learn and grow.



Bachelor's Scholarship

Selected among 150,000 students to gain a full 4 year bachelor's in Computer Science scholarship at Hacettepe University.



Region Topper

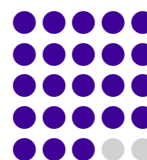
Among the top 10 scorers of my region at Bourguiba Pioneer School for 3 consecutive years.

SKILLS

Python Java TensorFlow
Numpy SciPy Matplotlib
Scikit-Learn openCV CSS
Pandas Data Analysis
Scikit-Image
Robot Operating Systems
Machine Learning/Computer Vision

LANGUAGES

English
Arabic
French
Turkish
German



CERTIFICATIONS

- Improving Deep Neural Networks
- Structuring Machine Learning Projects
-Convolutional Neural Networks
-Neural Networks and Deep Learning
Machine Learning Fundamentals Data Camp