Ahmed Radwan *Computer Science*

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Profile

As a Computer Science student, I possess expertise in programming languages such as Python and a deep understanding of machine learning, deep learning concepts and techniques through my coursework and extracurricular activities. I am eager to continue learning and growing both academically and professionally.

Education

Computer Science

King Abdulaziz University

2019 – present

4.99 GPA

Personal Development

Mathematics for Machine Learning and Data Science Specialization ⌐

DeepLearning.AI

Completed an intensive course in Mathematics, Linear Algebra, and Statistics, tailored to machine learning. Gained advanced statistical skills and key competencies for data analysis, technical interviews, and career growth in machine learning.

Machine Learning Specialization ⌐

DeepLearning.AI

Stanford University

Expert in supervised learning, unsupervised learning, and reinforcement learning implemented using Keras.

Programming jam 8.0/6.0

ACM

Using algorithms and different techniques in competitive programming to achieve an optimal solution.

Technical Skills

Python

Pandas, Numpy, Sklearn and PyTorch.

Java

Languages

English

IELTS 7.5/9.

Arabic

Native.

Work Experience

Head of AI Unit

Drone and Robotics Aziz Group at KAU

2023/09 – Present

- Manage a team of 50 members, overseeing their development and preparing them for participation in hackathons.
- Empower the public to learn AI through bootcamps and lectures.

Artificial Intelligence Intern

KAUST

2023/07 – 2023/08 | Thuwal, Saudi Arabia

- Auto Encoders, Variationally Autoencoders (VAEs), and Generative Adversarial Networks (GANs).
- Explored models, optimal policies, and Bellman's theory.
- Combine GNNs with Recurrent Neural Networks (RNNs) to create Graph Recurrent NeuralNetworks (GRNNs).
- Discover sophisticated models like R-CNN, Faster RCNN, and YOLO for object detection and localization.
- NLP project development and exploring optimization techniques.

Teaching Assistant

KAUST Academy

2023/03 – 2023/11 | Thuwal, Saudi Arabia

- Introduction to Artificial Intelligence Course.
- Advanced Artificial Intelligence Course.

Projects

Addressing Bias Through Ensemble Learning and Regularized Fine-Tunin

Enhancing model Performance with Regularized Fine-Tuning and Ensemble Learning for Improved Accuracy using small datasets.

Skin Cancer Image classification

Developed a model for image classification using data loading techniques and Convolutional Neural Network using Keras.

MNIST GANS

Completed intensive two-week bootcamp, excelling in deep learning, machine learning, linear algebra, and calculus. Advanced to the next level due to adept problem-solving. Specialized in computer vision and deep learning through image projects.