

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

Introduction/Advanced Artificial Intelligence Course

KAUST Academy

Thuwal, Saudi Arabia

Bootcamp grad with deep learning, machine learning, linear algebra, and calculus skills. Advanced to the next level due to adept problem-solving. Specialized in computer vision and deep learning through image projects.

Programming jam 8.0/6.0

ACM

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

Supervised learning/Advanced algorithms

DeepLearning.AI

Stanford University

Expert in linear, logistic, and neural network-based classification with Keras.

Technical Skills

Python

Pandas, numpy, sklearn and PyTorch.

Java

Oracle SQL

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 Neural Networks (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 – 2023/05 | Thuwal, Saudi Arabia

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

Projects

Addressing Bias Through Ensemble Learning and Regularized Fine-Tuning

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.