

SHAHAD BAROUD

Artificial Intelligence Specialist

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Education

University of Jeddah • Artificial Intelligence

Sep 2018-present

Related courses: Data Structures, Artificial Intelligence Fundamental, Database, Pattern Recognition, Optimization & Regression, Design & Analysis of Algorithms, Machine Learning, Artificial Neural Network, Advance Topics in AI.

Certifications

Nanodegree, Introduction to Machine Learning with TensorFlow • Udacity

June- August 2021

Skills

Programming Languages: C++, Java, Python, SQL

Tools and Open-Source Libraries: Tensorflow, Keras, Scikit-learn, Streamlit, OpenCV, Matplotlib, Numpy, Pandas, Scipy.

Courses

Deep Learning and Computer Vision A-Z: OpenCV, SSD & GANs • Udemy

- Applied OpenCV, Facial Recognition and Object Detection, Created powerful Computer Vision applications.

Projects

Content-Based Recommender System: Created functions to clean the dataset, applied the Cosine Similarity to measure text similarity, used stream-lit library to build a website for the project.

Face Mask Detection: Processed more than 12k images and developed a convolutional neural network model, the model scored 98.0% accuracy on the test dataset and identified whether people are wearing masks or not.

Customer Segmentation: Developed unsupervised learning techniques to identify segments of the population that form the core customers.