

hamza zwairy

Machine Learning & AI is my hobby, I'm aiming to get a MS & PhD degrees in the field and hopefully teach it in the University of Jordan as a Dr one day. I currently split my time between my job and learning more skills every day.



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WORK EXPERIENCE

Web & Mobile Developer Kensoftware

06/2019 – 11/2019

Amman

Business Technology Executive Australia Post Global

11/2019 – Present

Suite 208, Eastside King's Cross Station,
London N1C 4AX

The company's head is in UK, I currently work as a software engineer but my job description is yet to be changed

EDUCATION

Bachelor's degree in Computer Information Systems

University of Jordan

09/2015 – 05/2019

Jordan

Information

- GPA 3.53

Winter Entrepreneurship Course SPARK, Kingdom of the Netherlands

Information

- Attendance was only allowed by top class students which were recommended by the heads of each department a student followed, the overall content and objective was to lead social and economic development of the country and learn how to build professional business models to enter local and global markets.

Machine Learning Stanford University [🔗](#)

Information

- The course aims to provide a strong background in Machine Learning algorithms and best practices, it covers supervised learning algorithms and unsupervised learning algorithms.
- It is available for free on Coursera.

SKILLS

MACHINE LEARNING

Artificial Intelligence

Programming with Python

Algorithms & Problem solving

Teaching

Programming with C#

Building Business Models

Logistics

ARTIFICIAL INTELLIGENCE SKILLS

Machine Learning & Deep Learning

Theoretical knowledge & hands on experience

Core understanding of the training processes and core understanding of the maths behind the field

Knowledge

- Supervised learning & unsupervised learning algorithms
- Optimisation algorithms : such as gradient descent, ADAM, stochastic gradient descent with momentum, RMSprop, Bayesian optimisation and batch normalisation.
- Machine learning libraries : such as Tensorflow, Keras, OpenCV, Scikit-learn, Pickle, Pandas, Numpy and Matplotlib.
- Neural networks architectures.
- Transfer learning

Computer Vision

Theoretical knowledge & hands on experience

Applications & Algorithms

- Object detection : YoloV3 with DarkNet and faster region-based convolutional neural networks
- Image similarity : Feature extraction from ResNet or MobileNet networks and cosine similarity metric
- Image classification : Using different neural networks architectures such as GoogleNet, ResNet , DenseNet and VGG 16
- Object tracking : Deep SORT algorithm
- 3D semantic segmentation : UNet architecture

CERTIFICATES

AI For Medical Diagnoses (04/2020) [🔗](#)

Deep Learning AI

- An intermediate level practical course for diagnosing disease and classifying medical images.
- Certificate : coursera.org/verify/73KDZJ77DDXZ

AI For Medical Prognosis (05/2020) [🔗](#)

Deep Learning AI

- An intermediate level practical course for predicting health risks, diseases and supporting clinical decisions.
- Certificate : coursera.org/verify/5R4F6EUC8962

Certificate of Completion

Amman, Jordan

This is to certify that **Hamzeh Hussein Abdallah Al-Zwairy** , has successfully completed the SPARK & JU Winter Entrepreneurship Course *at the University of Jordan under SPARK's Improving Employment Opportunities Programme* .

Hamzeh completed the course in the period **January 6th 2019 and January 17th 2019**.

Erica Bijl
Country Manager
SPARK



Dr. Ashraf Bany Mohamed
Director of Innovation and
Entrepreneurship Center
University of Jordan



Nermin Begovic
Guest Lecturer
SPARK

SPARK's mission is to develop higher education and entrepreneurship, so that young ambitious people are empowered to lead their post-conflict society into prosperity. SPARK seeks to build long-term sustainable capacity, promote local ownership of programme and project objectives and aims to close cooperation with stakeholders.

About the course: **SPARK & JU Winter Entrepreneurship Course**

The 2 week is in modern entrepreneurship and interactive co-teaching methods with international expertise with guest speakers from the industry. The overall objective is to create the spirit of entrepreneurship in youth, to lead social and economic development by introducing new businesses and products to the local and global markets.

spark



Kingdom of the Netherlands



مركز الابتكار والريادة
Innovation and Entrepreneurship Center





05/09/2020

Hamzeh Alzweri

has successfully completed

AI for Medical Prognosis

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in blue ink, reading "Pranav Rajpurkar".

Pranav Rajpurkar, PhD Candidate at Stanford University

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/5R4F6EUC8962

Coursera has confirmed the identity of this individual and
their participation in the course.



04/26/2020

Hamzeh Alzweri

has successfully completed

AI for Medical Diagnosis

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in blue ink, reading "Pranav Rajpurkar".

Pranav Rajpurkar, PhD Candidate at Stanford University

**COURSE
CERTIFICATE**



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