Anwar Ghammam

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Date of birth 05/01/1998
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Driving licence (B)

My certificates

* TOEFL IBT (score 92/120)
* PCAP Certification | Python Institute
* Machine Learning: Coursera
* Neural Networks and deep learning :Coursera
* Natural Language Processing with Classification and Vector Spaces Coursera
* Improving Deep Neural Networks: Hyperparameter tuning, Regularization, and Optimization: Coursera
* Convolutional Neural Networks : Coursera
* Sequence Models: Coursera
* Natural Language Processing in TensorFlow:Coursera
* Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning: Coursera
* Intro to deep learning with PyTorch by Facebook :Udacity
* 98-361 :MTA: Software Development Fundamentals (VB)
* 98-364:MTA: Database Fundamentals

Languages

Arabic

French

English

German

level A2

Education

Since September 2021	**PhD Student in Computer And Information Science** Oakland University Rochester, MI, USA
Since September 2021	**Master Student In Artificial Intelligence** University Of Michigan Dearborn Dearborn,Michigan, USA
From September 2016 to January 2021	**Software Engineering Degree** INSAT: National Institute of Applied Science and Technology BP North Urban Center , Tunis

Professional experience & Interships

Since September 2022	**Research Assistant** Oakland Uiniversity Rochester, Michigan
From May 2022 to September 2022	**NSF Intern** Instadeep Boston, USA Working on a multiobjective PCB grid using Reinforcement learning
Since January 2022	**Graduate Student Instructor (GSI)** University of Michigan Dearborn
Since October 2021	**Research Assistant** University Of Michigan Dearborn, Intelligent Software Lab Dearborn, Michigan Working on a refactoring Bot that understands the context from the issues/pull requests/new release/ developers discussions in github, using NIP and Topic Modeling, and enhances the related quality metrics by suggesting the suitable refactoring.
Since February 2021	**Research Intern** Dearborn Artificial Intelligence Research Center in a collaboration with FORD Motor Company Michigan,USA Intelligent Dynamic scheduler for software containers in FORD connected vehicles using Multi-Objective optimization Algorithms.
From July 2020 to October 2020	**Research Intern** Dearborn Artificial Intelligence Research Center (University of Michigan-Dearborn) Deaborn , Michigan Docker Swarm containers rescheduling using Multi-Objective optimization Algorithms. Technologies : docker (docker swarm , docker compose ...) prometheus,Grafana , genetic algorithms, python,angular,chartjs
From May 2020 to June 2020	**IA Intership** Smart Team North urban center , Tunisia working on a cv analyzer: automatic extraction of information in the resume using Entity Recognition in NLP and preselection of the appropriate resumes to a post description (using TFIDF)
From March 2020 to May 2020	**End of Year Project** Intelligent Software Engineering Lab (University Of Michigan-Dearborn) Michigan, Dearborn ,USA * Building and training machine learning models to predict the effect of code refactoring on code smells and the number of bugs in software with error <5%
From March 2019 to August 2019	**SAP technical support engineer** Focus Corporation Ariana, Tunisie Part Time Job

Skills

Data science :	Machine learning, Deep learning, Genetic Algorithms, MOOA, BigData.
Version control:	Git , Github
Programming languages:	Java, Python, C, C++, JavaScript.

Skills

Framework/libraries:	PyTorch, TensorFlow, Kiras Pandas, Numpy,Spacy, Matplotlib, Angular, Springboot
DB Management Systems	MySQL, Oracle, Mongodb
Methodology	UML (Entrprise Architect) , Merise
Agile Framework:	Scrum

Practical experiences

Personal Project: Tv Script generation using RNN
Personal Project: Dog breed classifier with CNN
Personal Project: Bike-sharing (predicting the number of bikes renting per day)
Technologies: Python, Numpy, Pandas, Matplotlib