

CONTACT

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SKILLS

Machine Learning 2+ yrs

Genetic Algorithms 2+ yrs

Big Data 2+ yrs

Python 4+ yrs

C++ 5+ yrs

Linux 4+ yrs

Web Development 5+ yrs

Teaching 1+ yrs

C++ 5+ yrs

DB Management Systems 4+ yrs

Linux 4+ yrs

Web Development 5+ yrs

Teaching 1+ yrs

Anwar Ghammam

PhD Student - Computer Science & Information

EDUCATION

Ph. D. - Computer Science & Information
Oakland University, Rochester, Michigan (USA)

2021 - ongoing

Master's In Software Engineering
Oakland University, Rochester, Michigan (USA)

2021 - 2022

Passed with **4 GPA**.

Software Engineering Degree
INSAT: National Institute of Applied Science and Technology, North Urban Center, Tunis (Tunisia)

2016 - 2021

WORK EXPERIENCE

Research Assistant
Oakland University Rochester, Michigan

Sep 22- ongoing

Using artificial Intelligence and Machine learning in software engineering

NSF intern
Instadeep Boston, USA

Mai 22 - Sep 22

Working on a multi-objective PCB grid using Reinforcement learning

Research Assistant
University Of Michigan Dearborn (Intelligent Software Lab), Dearborn, Michigan

Sep 21 - Mai 22

Working on a Dynamic workload balancer for software containers in FORD smart and connected vehicles using Multi-Objective optimization Algorithms. Work accomplished under the supervision of Dr. Marouane Kessentini (kessentini@oakland.edu) in a collaboration with Ford Motor Company .

Graduate Student Instructor
University Of Michigan Dearborn, Dearborn, Michigan

Jan 22 - Mai 22

Teaching labs: Undergraduate: CIS 376 Software Engineering.

Graduate Student Instructor
Dearborn Artificial Intelligence Research Center (University of Michigan Dearborn) Dearborn , Michigan

July 20 - Oct 20

Working on an automatic refactoring tool using multi-objective optimization algorithms

ACHIEVEMENTS

TOEFL IBT

score 92/120: Reading: 21/30, Listening 22/30, Speaking: 25/30, Writing: 24/30

PCAP Certification | Python Institute

Machine Learning Certificate: Coursera

A certificate issued by Coursera to prove basic understanding of Machine learning.

Neural Networks and deep learning Certificate :Coursera

Natural Language Processing with Classification and Vector Spaces: Coursera

Improving Deep Neural Networks: Hyperparameter tuning, Regularization, and Optimization Certificate: Coursera

Convolutional Neural Networks Certificate : Coursera

Improving Deep Neural Networks Certificate: Hyperparameter tuning, Regularization, and Optimization: Coursera

Sequence Models Certificate: Coursera

Artificial Intelligence Intern Smart Team, Tunis, Tunisia

May 20 - June 20

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)

Student Researcher in Artificial Intelligence ISE Lab - University of Michigan - Dearborn & INSAT, Tunis , Tunisia

March 20 - Mai 20

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%

SAP technical support engineer Focus Corporation, Ariana, Tunisie

March 19 - Aug 20

Part Time Job

PUBLICATIONS

Containers scheduling using multi-objective Transactions on Services Computing (TSC-CS (ISSN: 19391374) 2021

Journal

Status: Accepted

Many-Objective Software Containers Management in Smart Vehicles IEEE Transactions on Software Engineering 2022

Journal

Status: Submitted

PROJECTS

Tv Script generation using RNN Tool: TensorFlow

2020

Dog breed classifier with CNN Tool: Keras

2020

Bike-sharing Tool: Machine learning, Python

20XX

predicting the number of bikes renting per day

WORKSHOPS & CONFERENCES

ASE 2022 Conducted by Oakland University, Michigan, United States

10-14 Oct 2022

Role: Volunteer and Committee Member

Improving Deep Neural Networks Certificate: Hyperparameter tuning, Regularization, and Optimization: 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

NSF industry university Center on Pervasive AI event, Portland, Oregon, USA

Conducted by Oregon State University, Portland, Oregon

received the most industry ready research award among a lot of great projects presented by CU Boulder university, Oregon State university and Oakland University.

26-29 Oct 2022

NSF industry university Center on Pervasive AI event, MI, USA

Oakland University, CU Boulder university & Oregon State

Received NSF funds and worked as a NSF intern for summer 22

Mars 2022