Hello E.ON !

Hachem SFAR

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Education

Preparatory Institute for Engineering studies (IPEIEM)

2013-2015

Pre-engineering studies
RANK:20/1200 IN THE NATIONAL EXAM.

Computer Science, Mathematics, Physics

Higher School of Communications of Tunis (SUPCOM)
2015-2018

ICT Engineering Diploma

Machine learning, Probability,

Programming languages(C/C++/Java),

Linux, UML

Universität Passau
2018-2021
Computer Science Master
Data science Lab, Advanced Data Science, Deep Learning, Data Fusion, Text Mining Project

Experience

DATA SCiENTiST / DATA ENGiNEER (04/2022-Present)

Keywords: python, Machine Learning,NER, NLP, Web scraping, Scrapy

Mentor – Data Science track (11/2021-present)

Keywords: python, project management, Machine Learning

Working Student – Data Analyst (10/2019-09/2021)

Keywords: Python, Tkinter, Pandas, selenium, SQL, Azure, snowflake, Unit testing, matplotlib, GIT

Master thesis - Machine Learning for COVID Xray data (02/2021-07/20

keywords: Python, Deep Learning, Transfer Learning, GRADCAM, Flask

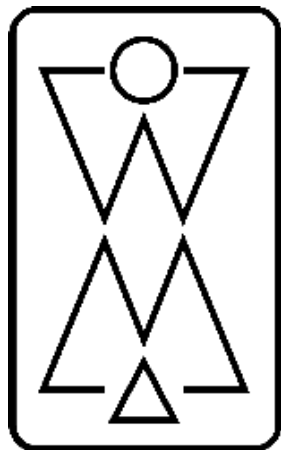**Research Assistant - Chair Data science** (09/2019-04/2020)

keywords: Python, NLP, Deep Learning, BERT, CNN, Bidirectional GRU Twitter API, Flask

Graduation Internship(01/2018-04/2018)

keywords: Machine Learning, Exploration Data Analysis, Logistic regression, Naive Bayes, Decision Tree, Random Forest, Neural network

Training

Training in digital manufacturing: Paris, France (06/2017)

♦ 3D design(Solidworks, fusion 360)
♦ 3D printing
♦ Milling and laser cutting

Learner - DataScience Academy Tunis, Tunisia (06/2018-08/2018)

♦ Module 1: Prerequisites
♦ Module 2: Data Preparation
♦ Module 3: Web scrapping
♦ Module 4: Machine Learning
♦ Module 5: Deep Learning

Projects

Web Scraping Projects

- Device Converter: Java, JavaFX , JSoup
- Passport ranking index; Anime reviews and informations: Python, Beautiful Soup
- Manga Downloader: Python, Scrapy, FPDF
- Mooc Creator (Learn Web Scraping in Python with BeautifulSoup Library)

Data Engineering Projects:

- Immoscout24 Pipeline: Machine Learning ; Web scraping; Data Visualization ; Python ; Airflow ; Mongodb ; Matplotlib ; Linear Regression ; CSV format
- COVID19 Pipeline: Python; Airflow; Elasticsearch; Kibana
- NYC Taxis Pipeline: Python; Web scraping; SQLite; Airflow

Machine Learning Projects:

- Celebrity Profiling - PAN 2020: Python, NLP, Twitter, Data Preprocessing, Pre-trained Models, Deep Learning
- Patent Classification: BERT, NLP, Text Preprocessing, XML
- Russia 2018 - International Prediction Challenge: Python, web scraping, Logistic regression

Contests

AI Hackathon
Tunis, Tunisia

Fiction2science Hackathon
Frankfurt, Germany

Gastronomy Hackathon
Salzburg, Austria

SMART GREEN ISLAND MAKEATHON
las palmas de gran canaria, Spain

Volunteer Experience

Science and Technology Camp
Animating a workshop about 3d modeling and 3d printing

Volunteer Experience

Hour of Code

Organization of:

Science Fair

Volunteer Experience

Workshop about arabic language

Volunteer Experience

Member in

Tun'up Munich

Gemeinsam leben und lernen in Europa e.V.

EUROPEAN CHAMPIONSHIPS MUNICH 2022

Thanks!

Any questions?