ABDELWAHED REBHI

MSc. Computer Science Student

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EDUCATION

Master's degree
Universität Passau

📅 Oct. 2021 - Present   📍 Passau, Germany

ICT Engineer
Higher School of Communication of Tunis (SUP'COM)

📅 Sep. 2018 - Sep. 2021   📍 Ariana, Tunisia

Preparatory cycle Physics-Chemistry
Preparatory institute for engineering studies of Monastir

📅 Sep. 2016 – Aug. 2018   📍 Monastir, Tunisia

WORK EXPERIENCE

End of studies internship
HTWK Leipzig

📅 Mar. 2021 - Sep. 2021   📍 Leipzig, Germany

- Developing a real-time indoor positioning system for industrial environment based on ultra-wide band (UWB) technology.

`Indoor localization` `Two-Way Ranging (TWR)` `DWM1001C`

Computer Vision Intern
Sagemcom

📅 Oct. 2020 - Feb. 2021   📍 ElKram, Tunisia

- Developing an AI-based framework for detection and recognition of road signs, pedestrian crossing lines, and traffic lights.

`Deep Learning` `Computer Vision` `TensorFlow` `YOLOv3`

AI Intern
Pixemantic

📅 Jun. 2020 - Jul. 2020   📍 Lac II, Tunis

- Developing a computer-vision based framework for multi-class classification to detect and recognize brand-logos.

`Computer Vision` `PyTorch` `CNN` `Transfer Learning`

Network administrator
TCPC (Tunisian Collegiate Programming Contest)

📅 Dec. 2019 - Jan. 2021   📍 Tunis, Tunisia

- Installing and configuring software, hardware and networks.

ACADEMIC PROJECTS

Apache Spark Project
SUPCOM

📅 Nov. 2020 - Dec. 2020

- Developing a Real-Time Message Processing Application which takes data from stream data source to build an interactive dashboard.

`Spark` `Kafka` `MongoDB` `Dash`

Crime Predicton Framework
SUPCOM

📅 Nov. 2020 - Dec. 2020

- Developing a web application that can predict how likely a crime may happen on a certain day and at a specific location based on some features like age, sex, date, location, etc.

`Data analysis` `Python` `React`

The Entrepreneur Challenge of SUP'COM
SUP'COM

📅 Mar. 2020

- Conception of a Business plan and a prototype of an innovative idea to scan vegetables and fruits and determine if the pesticide levels inside it are equal to normal rate or not.

`Leadership` `Teamwork` `Project Management`

Mobile Developement Project
SUP'COM

📅 Nov. 2019 - Dec. 2019

- Developing an Android mobile application which is used to establish a daily link between the school and the parents of the students(grades, absences, etc.).

`Android Studio` `JAVA` `Firebase`

SKILLS AND COMPETENCIES

PROGRAMMING LANGUAGES: `Python` `MATLAB` `C/C++` `Java` `JavaScript`

MACHINE LEARNING TOOLS: `Scikit-Learn` `TensorFlow` `TensorFlow.js` `PyTorch` `OpenCV` `Streamlit`

BIG DATA: `Hadoop` `MapReduce` `Spark` `Scala`

Network Technician Intern
Tunisie Telecom

📅 Jun. 2019 - Jul. 2019   📍 Kairouan, Tunisia

- Maintaining Telecom infrastructure and developing soft skills.

CERTIFICATES

- Computer Vision YOLO Custom Object Detection with Colab GPU from Udemy

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- Agile with Atlassian Jira from Coursera
- Deep Learning Specialization from Coursera
- Python Applied for Data science and AI from Coursera

- IoT Fundamentals : Connecting Things from Cisco
- CCNA1 and CCNA2 from Cisco

DATABASES: MySQL   Firebase   MongoDB

OTHER TECHNOLOGIES: Nodejs   AngularJS   FPGA   DOCKER

LANGUAGES

- Arabic (Native)
- English (Certified, TOEIC)
- French (Professional working proficiency)
- German (Beginner)

ORGANIZATIONS

IEEE Supcom Student Branch (05/2019 – 01/2021)

HOBBIES

Reading   Cycling   Football   Playing Video Games