



Riadh Ghimeji

COMPUTER SCIENCE MASTER DEGREE STUDENT

Passau, Germany

☎ (+49) 1521 120 9516 | ✉ ghimajiriadh@gmail.com | 🌐 Ghimajiriadh

Education

Master's Degree

THE UNIVERSITY OF PASSAU

- Computer Science Master Degree
- M.S with focus on IT-security and reliability
- completed 45 credits towards informatics Master Degree

Passau, Germany

Oct. 2018 - Aug. 2022

Engineering Degree

HIGHER SCHOOL OF TELECOMMUNICATIONS OF TUNISIA(SUP'COM)

- completion of 3 years of Master's studies
- Application of Multimodal information(AIM) major :Developing and maintaining IoT applications using new technologies

Ariana, Tunisia

Sep. 2015 - Jul. 2018

Pre-engineering Studies (Prépas)

PREPARATORY INSTITUTE FOR ENGINEERING STUDIES OF TUNISIA

- Two years of Intensive courses in scientific subjects specially analysis, Algebra and physics that ends with a national Exam
- **MAJOR** : Mathematics and Physics (rank : 85/1600)

Tunis, Tunisia

Sep. 2013 - Jun. 2015

Professional experience

Embedded System Developer- working Student

EcoG

- Updating and testing "CHAdemo" Vehicle charging implementation from 1.0.1 to 1.2 in **C++**
- Developing a "CHAdemo" EV simulator using **C++**
- Developing a PLC simulator (Modbus and Canbus) using Python

Munich, Germany

Feb. 2019 - March. 2020

Research Assistant-Intern

UNIVERSITY OF PASSAU

- Optimizing task scheduling in IoT environments using Fog Computing as an end of study project
- Simulating task scheduling algorithms in Fog architecture using **Java**

Passau, Germany

Mar. 2018 - Sep. 2018

Developer-Intern

AZURPACK

- Developing a desktop application for administration to monitor the work flow using **C#**
- A web Application using **HTML/CSS , AJAX** for production Team to save advancement

Ben Arous, Tunisia

Jun. 2017 - Aug. 2017

Developer-Intern

TUNISIE TELECOM

- Developing a Statistics Log Desktop application using C. This application is used to study errors generated from communication between servers

Tunis, Tunisia

Jun. 2016 - Jul. 2016

Projects

Search engine

- Indexing and searching image content with MPEG7 and tags using **ElasticSearch** and **MongoDB**
- Searching similar images adopting Edge histogram descriptor using the Anaconda environment and scikit-learn package
- Developing a simple web application using **HTML/CSS3 , JavaScript** for users to query images

SupCom, Tunisia

SMART GARDEN

- Monitoring a garden using IoT
- optimize irrigation using the data collected(temperature and humidity) using **LoraWan**
- intrusion detection using **Raspberry Pi camera , Raspberry Pi and OpenCV**

SupCom, Tunisia

MONITORING CITRUS PRODUCTION

SupCom, Tunisia

- Estimating the citrus production through images using **OpenCV, Arduino and MATLAB**
- A web Application using **HTML/CSS , AJAX** for production Team to save advancement

NUITDESETOILES.TN

AJST, Tunisia

- Create the official site of “nuit des étoiles” event in Tunisia for youth and science of tunisia (ajst)

Skills

Coding

- C#, Python, c/c++, Java, JavaScript, AngularJs, xml, HTML, CSS, NodeJs, Django

Databases Management System

- MySQL, SQLite, MongoDB

Operating Systems

- Linux (Debian-based) : intermediate
- Linux (RPM-based) : Basic knowledge (learning)
- Windows

Languages

- Arab mother Tongue
- French Second Language
- English Business fluent(895/995 TOEIC test)
- German Beginner

Certifications and Awards

- 2018 : **DAAD Scholarship** as an international student
- 2017 : **TOEIC** Certificate (895/995)
- 2016 : **ST1** animator certification from Objectif science International (OSI)

Passion

- Chess
- Football
- Ping-Pong