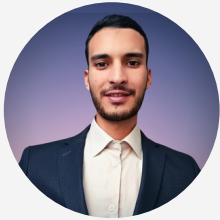


BIH AYOUB



CONTACT

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SOFTWARE SKILLS

Machine and deep learning

Pytorch | TensorFlow | Hugging Face |
sklearn | pandas | numpy

Image processing

OpenCV

Web Development

Html | CSS | Javascript | FastApi

Operating Systems

Linux | Windows

Database administration

PostgreSQL | MySQL | MongoDB

Cloud and deployment

AWS | Docker

Teamwork

Git | UML Modelization | Agile method

LANGUAGES

English (TOEIC : 815/990)

French

Arabic

INTERESTS

- Basketball
- Bodybuilding
- Reading articles related to artificial intelligence

PROFILE

Motivated and skilled professional in the field of machine learning, deep learning, and data science. Eager to apply my expertise in developing innovative and effective solutions.

WORK EXPERIENCE

- **Software Engineer: Machine learning specialist** Present
BrainChip, Toulouse, France
Machine learning, deep learning, computer vision.
Tools used: Python, Tensorflow, ONNX, GitHub, Jira
- **Data Scientist Intern (6 months)** 2022-2023
Groupe SII, Lyon, France
Subject : Unit test generation using deep learning
Tools used: Python, Pytorch, HuggingFace, gitLab
- **Deep learning intern (4 months)** 2021 - 2022
Kingston University, Faculty Of Science, Engineering And Computing, London, United Kingdom
Subject : Deep Learning-based Unseen Object Recognition (**Zero Shot Learning**)
Tools used: Python, TensorFlow, GitHub

EDUCATION

Ensicaen, Public Engineering School 2020 - 2023
Caen, France
Engineer student in computer science, major artificial intelligence, image and sound

The High School Mohamed 5 2017 - 2019
Beni Mellal, Morocco
Preparatory classes, mathematics and physics

The High School El Khawarizmi 2016 - 2017
Souk Sebt, Morocco
Baccalaureate in Mathematical Sciences, *First class honours*

PROJECTS

Laptop price prediction

End to end machine learning project that aims to predict the laptop price based on its features. **Python, sklearn, Flask, Docker, Github, AWS ECR, EC2**

Celebrity Fake Image Generator

Create a deep convolutional generative adversarial network (DCGAN) to generate new celebrities faces using **Python, PyTorch, HuggingFace spaces**.

Software engineering projects

chat application using **Java** and **RMI** - An application to manage a tennis club using **JavaEE** - Build the Takuzu game using **C++** and **Qt**

ACHIEVEMENT

IBM Machine Learning Professional Certificate 2021
Coursera