Zeyd BOUMEHDI

Machine Learning / Deep Learning Engineer

EXPERIENCE

- **LAAS-CNRS: AI Engineer**

  Toulouse, January 2024 - December 2024

  Object detection by Deep Learning for microscopy automation:
  - Dataset creation *(image acquisition, data cleaning, labelling, ...)*
  - Implementation / Training / Evaluation of the model
  - Integration of the model on the microscope

- **Internship Safran Electronics & Defense: Computer Vision Engineer**

  Massy, March 2023 - September 2023

  Object detection by Deep Learning under computational complexity constraints (PyTorch / C++):
  - Reading the state of the art
  - Develop a program to train, evaluate and compare adopted solutions
  - Deployment on different hardware (GPU, Embedded system, CPU)

- **Internship Pymma-Software: DevOps**

  Lambersart, April 2021 - August 2021

- **Internship CIBB: Web Developer**

  Lille, January 2020 - February 2020

- **Internship CITC EuraRFID: IoT software engineer**

  Lille / Euratechnologies, May 2019 - June 2019

EDUCATION

- **Master's degree in Machine Learning**

  Université de Lille 1 – Lille, 2021-2023.

  Python/PyTorch -Deep Learning - Big Data - Dimension reduction - Visualization

- **Bachelor's degree in Computer Science**

  Université de Lille 1 – Lille, 2020-2021.

  Network - Web & software development - Database - Algorithms & Logic

- **Associate's degree in Computer Science**

  Lycée Gaston Berger – Lille, 2018 - 2020.

  Network - Web, software & mobile development - Database

PROFILE

City Toulouse

Phone *on request*

E-mail *on request*

Website http://zeydboumehdi.com/

SKILLS

IT

Machine Learning:

PyTorch / Scikit-Learn / R

Processing and Visualization of data:

Pandas / Matplotlib

Database:

SQL (MySQL, PostgreSQL) / NoSQL (MongoDB)

Software Development:

Java / Python / C

Web Development:

HTML / CSS / JS / Bootstrap

Virtualization:

Docker / VirtualBox / Vagrant

Automation:

Ansible

Operating Systems:

Linux / Windows

LANGUAGES

French: Fluent

English: B2

HOBBIES

Sport *(Jogging, Musculation)*

Video games

Movies and series

Trip

Motivation

Team spirit

Curiosity

Open minded