

Mokhles Bouzaïen

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KEY STRENGTHS

A self-motivated engineering student at IMT Atlantique (ex Télécom Bretagne) in Brest, France; currently pursuing my end-of-study project as a Big Data Engineer Intern at Dassault Systèmes. I am available for a full-time position, starting from October 2021.

EDUCATION

ETH Zürich

Swiss-European Mobility Programme • 3rd and last year

Concepts of Object-Oriented Programming, Computer Vision, Natural Language Processing, Reliable and Interpretable AI.

Zürich, Switzerland

Sep. 2020 - Feb. 2021

IMT Atlantique (formerly Télécom Bretagne) - EURECOM

Master of Science in Engineering "Diplôme d'Ingénieur" • 1st & 2nd years

Common core: Applied Mathematics, Electronics & Sensors, Information Technology, Physics.

Data Science Track: Cloud Computing; Database Management System; Machine Learning; Deep Learning. GPA: 3.89/4

Brest & Biot, France

Sep. 2018 – Sep. 2021

Institut Préparatoire aux Etudes Scientifiques et Techniques

Scientific Preparatory Classes: Mathematics and Physics

Tunis, Tunisia

Sep. 2016 – Jun. 2018

PROFESSIONAL EXPERIENCE

Dassault Systèmes

Big Data Engineer Trainee

Developing a pipeline for processing, storing and enriching data of mechanical and electronic components on a very large scale. Identify similar characteristics of different components in order to facilitate navigation, suggestion or comparison of content.

Paris, France

Mar. 2021 - Aug. 2021

EURECOM

Data Science Trainee

Using the "ViLBERT: Pretraining Task-Agnostic Visiolinguistic Representations for Vision-and-Language Tasks" code made available by the authors for the task of video memorability, which is a regression task requiring to predict how memorable a video is to viewers.

Biot, France

Jul. 2020 - Aug. 2020

Imeon Energy

Software Development Trainee

○ Software Development: Realization of specific modules to monitor solar panels usage.

○ Web Development: Designing, implementing and managing a graphical interface (HTML5, JQuery, SQLite).

Brest, France

Feb. 2019

ACADEMIC PROJECTS

Traffic Signs Detection and Classification (ML, NNs, OpenCV)

○ Generate fake data, preprocess input data and build a training Neural Network architecture.

○ The model classifies unseen (European) traffic signs with an accuracy of 83% (link).

Nov. 2019 – Jan. 2020

Identify and Shoot (Operating Systems, C, Linux)

○ Building a robot that shall be playing an identify and shoot game (description).

○ Finishing at the second position (out of 5) after the final competition (link).

Nov. 2019 – Jan. 2020

LANGUAGES & TECHNOLOGIES

French: Fluent

English: Fluent (IELTS 7/9)

Arabic: Native

Programming/Query Languages: Python, Java, SQL, SPARQL, HTML, Javascript, Shell Unix, MATLAB

Tools: Git, OpenCV, PyTorch, TensorFlow, Scikit-learn, (ViL)BERT, Spark, Hadoop, HBase

POSITIONS OF RESPONSIBILITY

French Summer School Counselor, IMT Atlantique

Aug. 2019

Treasurer of International Students Office (ESN Télécom Bretagne), IMT Atlantique

Jan. 2019 – Jun. 2019

HOBBIES

Volleyball: 2 years in school team and 1 year in local club. National competitions: Cartel Albi, Challenge Centrale Lyon.

Math Competitions: Finalist of International Championship of Mathematics and Logics Games 2011, 2014 & 2015 in Paris.