YOUNES BOUTIYARZIST

Student in Computer Science at ENSEEIHT

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SUMMARY

I am a fifth year student of computer science at ENSEEIHT with a specialization in multimedia data processing. I am looking for a thesis in Machine Learning and Data Processing.

EXPERIENCE

RESEARCH INTERNSHIP, THALES LAS, ELANCOURT, FRANCE *Mar.-Sep.2023*
- Adaptive image deconvolution by deep learning

RESEARCH INTERNSHIP, TéSA, TOULOUSE, FRANCE *Jun.-Sep.2022*
- Robust calibration of LiDAR sensors by artificial intelligence
  - Realization of a state of the art
  - Development of an innovative solution using Markov chain Monte Carlo (MCMC) methods
  - Writing of a conference paper for upcoming publication

SOFTWARE ENGINEER INTERNSHIP, DECATHLON, LILLE, FRANCE *Jun.-Sep.2021*
- Web application development with Angular and svelte using agile practices
- Initiation to Docker and Kubernetes

TUTOR, COMPLETUDE, TOULOUSE, FRANCE *Dec.2020-Feb.2021*
- Teaching mathematics to failing high school students

VOLUNTEER, ASEER, TOULOUSE, FRANCE *2020-2021*
- Homework help for groups of high school students from deprived neighborhoods

COMPUTER TECHNICIAN, DECATHLON, LILLE, FRANCE *Jun.-Aug.2019*
- Web application development with Angular
- Development of a Google site to share information on maintenance systems

EDUCATION

ENSEEIHT, COMPUTER SCIENCE, TOULOUSE, FRANCE 2020-2023
Engineering school focused on computer science with a specialization in multimedia data processing. The program includes courses in deep learning, machine learning, inverse problem and 3D reconstruction.

UNIVERSITY of TOULOUSE, COMPUTER SCIENCE, TOULOUSE, FRANCE 2022-2023
The Performance of Software, Media, and Science Computing (PSMSC) master's degree teaches how to use hardware and software to accelerate data-intensive computing and ensure reliable execution of advanced applications with a research focus.

DUBLIN CITY UNIVERSITY, FACULTY of COMPUTING, DUBLIN, IRLAND 2021-2022
Exchange semester in an English-speaking country where I took the following courses : Data mining, Data management, Search technology and Statistical Data Analysis.

CPGE, PCSI-PSI*, LYCÉE CESAR BAGGIO, LILLE, FRANCE 2018-2020
Preparatory class oriented physics, mathematics and industrial science with a broad scientific base.

LYCÉE CHARLES BEAUDELAIRE, ROUBAIX, FRANCE 2015-2018
Scientific Baccalaureate - Specialty Mathematics (with high honours and european distinction).

AWARDS

WINNER OF THE EMERGENCE PROGRAMME, ARELIE, LILLE, FRANCE *2018-Today*
Support of bright and motivated students in their higher education, through a scholarship and coaching.

COMPETENCES

Organization
Rigor
Dynamism
Determination

COMPUTER SKILLS

Skill	Level
Python (Tensorflow)	★★★★✬
MATLAB	★★★★✬
C/C++	★★★★✩
SQL	★★★★✩
Java	★★★★✩

LANGUAGES

French (native speaker)
English (fluent)
German (undergoing training)