

DANIEL GABAI

PERSONAL INFORMATIONS

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EDUCATION

Master of Science (Double degree) *2019 - 2021*
ENSIMAG and UGA (Grenoble Alpes University), Grenoble Master MSIAM
Major : Data Mining, Computer Vision, Audio Processing, Optimization, Machine learning.
Bachelor of Science *2018 - 2019*
ENSIMAG, Grenoble
Major : Computer science, Mathematics, Data science.
Preparatory classes *2015 - 2018*
Lycee Fenelon Sainte Marie, Paris MPSI-MP
Major : Mathematics, Physics, Informatic and Industrial Sciences.

EXPERIENCES

Internship at CEA List Nano-Innov *Feb 2021 - Aug 2021*
Situational motion planning of a mobile robot in uncertain logistics environment using reinforcement learning.
Internship at Meteo*swift *Summer 2020*
Internship of 3 months, in the R&D pole, working on hierarchical forecast reconciliation in wind power prediction.
Student office of ENSIMAG *2019 - 2020*
Organization of a travel for 50 students, in Zagreb with 10k€ budget for the student association.

PROJECTS

Classification task with kernel methods *ENSIMAG, 2021*
Programming language : Python. Team of 1 people.
Predicting whether a DNA sequence region is binding site to a specific transcription factor
Monte Carlo tree search method applied to Tic-tac-toe *2021*
Programming language : C++. Team of 1 people.
Digital analysis of fingerprints *ENSIMAG, 2020*
Programming language : C++. Team of 4 people.
Use of the library OpenCV to study artefacts of fingerprints.

TECHNICAL SKILLS

Languages
English : professional proficiency
Programming languages
Python, R, C, C++ (Good level)
JavaScript, Scilab, SQL, Latex (Intermediate level)
Libraries
OpenCV, Scikit-learn, Tensorflow