

Wael Gafaiti

- GOALS**
- Gain skills and knowledge in the field of data analysis and mathematical modelling
 - Connect theoretical and practical knowledge.

EDUCATION

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE, ECUBLENS, JULY 2024
Master's degree in applied mathematics

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE, ECUBLENS, JULY 2022
Bachelor's degree in mathematics

GYMNASE D'YVERDON, CHESEAUX-NORÉAZ, JULY 2019
Scientific Baccalaureate

EXPERIENCE

INTERNSHIP, WATCHOUT CORP SA
September 2023 – February 2024
Development of an algorithm based on statistics that retrieve the contour model of noisy mechanical pieces.

ASSISTANTSHIP, EPFL
September 2022 – January 2023
Student assistant in Mathematics for the architecture department.

TEACHING, ÉCOLE DU FLON
August 2024 – January 2025
Mathematics classes to prepare students to their entrance exams at EPFL.

MENTORING, GYMNASE D'YVERDON
August 2017 – July 2019
Mathematics classes.

PROTECT'SERVICE, YVERDON
July 2019 – July 2023
Security officer: monitoring surveillance equipment, security for specific events.

ACADEMIC
PROJECT

UCL, LONDON

July 2024

Learn of a deep-Learning based regularizer within the denoising task in medical imaging framework.

EPFL, ECUBLENS

July 2023

Evaluation and comparison of several mathematical approaches to determine clusters in the case of multilayer networks.

EPFL, ECUBLENS

July 2022

Development of an algorithm which aims to compare the initial densities of two different samples.

SKILLS

Computing languages: Python, R and Matlab.

Languages: English (B2), German(B1) and French (mother tongue)

HOBBIES

- Sports: Basketball, hiking and music.