



# MOHAMED WAHBI

Looking for an operator internship in June 2023 (6 weeks minimum)

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Brest, France

Permis B

wahbimo.github.io

## EDUCATION

**1<sup>st</sup> year of the general engineering program – IMT Atlantique (Ex Télécom Bretagne) – Brest, France**

August 2022 – Present

Multidisciplinary common core: scientific training, engineering projects, ecological and societal transformations, IT and networks, economics, sociology and management.

**Bachelor's degree in Fundamental Physics – Paris-Saclay University – Orsay, France**

September 2019 – July 2022

Modern physics: quantum mechanics, statistical physics and special relativity.

Optional teaching units: Embedded electronic systems, data sciences, geometric algebra and group theory.

**High School Degree - Royal Preparatory College for Aeronautical Techniques – Marrakech, Morocco**

September 2017 – June 2019

Advanced scientific foundation and military training focused on leadership, decision-making, critical thinking and discipline.

## PROFESSIONAL EXPERIENCE

**Research internship – Institut des sciences moléculaires d'Orsay**

June 2022 – July 2022

Subject: the growth of thin films with real-time characterization by fast atom diffraction (GIFAD).

Physical measurements, processing of diffraction figures with ImageJ, data adjustment on a theoretical model with MATLAB, seminars and laboratory visits.

**Crew Member – McDonald's France – Villebon-sur-Yvette**

September 2021 – December 2021

Aim: to discover the professions of fast food and finance my travels.

## DIGITAL TOOLS

**Operating systems:** Windows, Linux.

**Programming languages:** Python, Matlab, C++, Java and Arduino.

**Office automation:** MS Word, Excel, PowerPoint, Teams.

## ASSOCIATIVE

- Secretary General of the International Students Office of IMT Atlantique (BDI), elected in January 2023.
- Pedagogical tutor in the ADJIM association in Brest.
- National Cybersecurity Student Association – Member.

## CERTIFICATIONS

Finance : fundamentals of finance and introduction to corporate finance (Wharton Online – Coursera).

Cybersecurity : MOOC of ANSSI, IBM Cybersecurity IT Fundamentals Specialization, Protection of national defense secrets (MOOC of DRSD), Citizen awareness of the terrorist threat (MOOC of SGDSN).

Data sciences : Python for Data Science and Machine Learning Bootcamp (Udemy).

## LANGUAGES

**French** – fluent

**English** – fluent

**Arabic** – native language

**Amazigh** – native language

**Spanish** - beginner

## PROJECTS

Crank Nicolson method applied to quantum mechanics: Python, C++ and Matlab.

Google PageRank algorithm applied to business management: Review of the paper published by M.W. Abel and D.L. Shepelyansky under the title: Google matrix of business process management.

Principal Component Analysis applied to the compression of financial data.

## INTERESTS

Cybersecurity

Geopolitics

Aeronautics

Financial markets

Sea fishing