

Enzo ABDELMALEK

75012, Paris, France

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Final-Year Engineering Student | Specialization: Cybersecurity, Data & Artificial Intelligence

Skilled in programming with strong interest in AI, cybersecurity, and quantitative finance. Seeking a final-year engineering internship for a minimum of six months starting January 2026.

EXPERIENCES PROFESSIONNELLES

2018 - 2025 **Various non-specialized roles** Paris, France

Various Roles

- Manager at *La Toscana* (restaurant).
- Head waiter at *Le Dalou* (brasserie), *Le Paradis du fruit* (restaurant) and *Campground Kitchen* (restaurant).

June-Sept 2023 **IPSA, ECOLE DE L'AIR ET DE L'ESPACE** Paris, France

Front-end developer

- Developed the school's new R&D website with **interactive, responsive interfaces** using ReactJS.
- Collaborated with multiple levels of school management for project delivery.

2023 - **IPSA, ECOLE DE L'AIR ET DE L'ESPACE** Paris, France

School projects

- Designed a **bubble curtain system** to prevent waste from entering the oceans.
- Developed a **Python algorithm** to predict Antarctic ice melting.
- Generated **automated, random kinematic simulations** using Python.
- Built an **underwater sonar system** using **C/Assembly and Python** for embedded systems.
- Developed an **AI algorithm** for optimization and prediction of agricultural yields using satellite imagery.

2022 - **PERSONAL PROJECTS** Paris, France

Front-end and software developer

- Freelancing : Coded and deployed Ethereum smart contracts using Solidity.
- Neoswap : Implemented a blockchain-secured online ticketing platform for automated and authenticated transactions.
- Smartvest : Built a Python algorithm for financial asset analysis, portfolio evaluation, and sector/region-based investment recommendations.

EDUCATION

2020 - **IPSA, INGENIERIE AERONAUTIQUE ET AEROSPATIALE** Paris, France

- **Programme grandes écoles**

Grande école program

5th year student in cybersecurity, data and AI

Key courses : Signal processing, telecommunication, digital electronics, automation, machine learning, digital systems control, microcontroller, IoT network, VHDL

Mar 2025 - **RMIT** Melbourne, Australia

- **One-semester exchange program – Bachelor's degree**

Major: Engineering

Key courses : Quantitative financial methods and modelling, foundations of Artificial Intelligence for STEM, engineering and economic strategies, introduction to cybersecurity governance

2017-2020 **Lycée Saint Michel de Picpus** Paris, France

- **Scientific baccalaureate** (with honors)

LANGUAGES & TECHNICAL SKILLS

French : Native **English**: Fluent **Arabic** : Intermediate **German**: Intermediate **Spanish**: Beginner

Software: Microsoft Office (Excel, PowerPoint, Word), VHDL, Python, C, C++, Assembly, ReactJS, Solidity

INTERESTS & PERSONAL ACHIEVEMENTS

Engaged in community service, I spent two years mentoring a group of underprivileged children, providing homework assistance and guidance. I have always valued teamwork and entrepreneurship, and my professional and entrepreneurial experiences have instilled in me a strong sense of determination and discipline. I also have seven years of experience in fitness training and three years of practice in music (piano and guitar). Passionate about travel, I aim to discover new cultures and environments, having explored numerous countries across Europe, South America, Asia, and Africa. Additionally, I participated in a hackathon focused on space defense, where I collaborated with a multidisciplinary team to develop innovative solutions.