

# Enzo ABDELMALEK

75012, Paris, France

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**Embedded system engineering student with expertise in aerospace. Skilled in programming, signal processing, telecommunication, electronic digital. Open to diverse engineering opportunities within an international environment.**

## PROFESSIONAL EXPERIENCES

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2023 - 2024 **LE DALOU** Paris, France  
*Head of row*

- Communication & Customer Service: Engaging effectively with customers and addressing needs.
- Multitasking & Time Management: Handling multiple tables and tasks efficiently.
- Problem-Solving & Adaptability: Resolving issues quickly in a dynamic environment.
- Teamwork: Collaborating with staff for seamless service.

June-Sept 2023 **IPSA, AEROSPACE ENGINEERING** Paris, France  
*Front-end developer*

- Developing the new Research & Development website : Building interactive and responsive interfaces using HTML, CSS, and JavaScript.
- Core Web Languages: HTML, CSS, and JavaScript for creating responsive, interactive interfaces.
- Attention to Detail: Ensuring pixel-perfect designs and maintaining code quality standards.

2023-Now **IPSA, AEROSPACE ENGINEERING** Paris, France  
*School projects*

- Creation of a bubble curtain to prevent waste from ending up the ocean.
- Development of an algorithm to predict ice melting in Antarctica.
- Automated and randomly generated cinematic using Python.

2022- Now **PERSONAL PROJECTS** Paris, France  
*Software and back-end developer*

- Creation of a software to help high school students to choose the path that suits them the best, using machine learning.
- Coding and implementing smart contracts on the blockchain in Solidity (freelance working).

## EDUCATION

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2020-Now **IPSA, AEROSPACE ENGINEERING** Paris, France  
• **Grande École Program**

**Master's Degree in aerospace engineering, specialized in systems**

Fourth year student in embedded system and telecommunication

*Key courses: Signal processing, telecommunication, electronic digital, automatic systems, machine learning, digital control systems, microcontroller, swarm robotics algorithms, networks of communicating objects, VHDL*

Mar-June 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*

2020 **Lycée Saint Michel de Picpus** Paris, France  
• **Baccalauréat in sciences, specialized in mathematics**

*With high honors*

## LANGUAGES & TECHNICAL SKILLS

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

**Software:** Microsoft Office (Excel, PowerPoint, Word), VHDL, Python, C, C++, Assembly, HTML, CSS, Javascript, Solidity

## INTERESTS & PERSONAL ACHIEVEMENTS

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Committed to community service, I spent two years supervising a group of children in need, providing homework assistance. I have always enjoyed teamwork and entrepreneurship, and my professional and entrepreneurial endeavors have instilled in me a strong sense of determination and rigor. With 7 years of experience in gym and 3 years in music (the piano and the guitar), I am also an avid traveler, with the goal to discover new cultures and environments that I enjoy, having explored many countries across Europe, South America, Asia, and Africa.