

# DESPARAIN GRÉGOIRE

## IT ENGINEERING STUDENT

Seeking a 10- to 16-week internship in digital technologies, cybersecurity, or data science in an English speaking country. Starting May 10, 2025



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### EDUCATION

#### IMT Nord Europe (formerly Mines de Douai)

1st Year of the Engineering Cycle – 2025 to 2028

Douai, France



#### IMT Nord Europe (Preparatory cycle)

2022-2025

President of a student committee, managing a team of 10 to organize events gathering over 150 participants.

Lille, France



#### National Fencing Referee

2016 to Present

Refereeing in France and abroad twice a month.

Managing groups of 3 to 15 referees.



### PROFESSIONAL EXPERIENCE

#### Engineering Internship – Home Automation & Energy Management

Passman, Lyon | June 2025 – August 2025 (10 weeks)



- Analyzed and resolved 25+ technical malfunctions (sensors, PMS, connectivity)
- Prepared, configured, and tested the Passenergy solution during 2 weeks before the national launch.
- Contributed to continuous improvement through custom scenarios and technical feedback via GitHub.

#### Internship – Web Developer

French Fencing Federation, Paris | June 2024 – July 2024 (8 weeks)



- Analyzed functional requirements for competition results management.
- Developed a result-reading tool in PHP with statistical algorithms.
- Presented and refined the tool according to manager's feedback.

#### Internship – Field Technician

Coca-Cola European Partners, Lyon | February 2023 – April 2023 (8 weeks)



- Performed 25+ on-site preventive maintenance for international brands such as McDonalds.
- Prioritized technical interventions through internal software.
- Worked both independently and as part of a team.

#### Summer Job – Attraction Operator

Disneyland Paris, Paris | June 2023 – August 2023 (10 weeks)



- Welcoming and assisting 800+ visitors a day in an international environment.
- Managed attraction operations and ensured smooth visitor experience.
- Worked in multicultural teams and adapted quickly to unexpected situations.

#### Project Manager – International Competition Management

Challenge Aramis, Lyon | 2020 – Present (Annual event)



- Organized sports events gathering more than 200 participants over 2 days.
- Supervised a 15-person team, managed unexpected situations, and solved problems.
- Gained solid experience in logistics and coordination.

### SKILLS

- Programming:** Python, SQL, C, PHP, HTML, CSS, Arduino, Java.
- Certifications :** MOOC Air Quality, MOOC Project Management.
- Technical Skills:** XML file processing, web integration, prompt engineering, IoT, CAO.
- Soft Skills:** Multicultural Teamwork, event management, problem-solving, fast learning, adaptability.
- Languages:** French – Native, English – C1 (TOEIC 955/990), Italian – B1, Chinese – Basic knowledge.

### KEY PROJECTS

#### Open Project – Development of an application for The Forest

Managing a team of 5 people during 400+ hours in relation with 2 tutors.

Developed the entire application based on client requirements.

Managed a budget of 180 €.

#### Development of a Connected Weather Station

Designed and programmed a functional weather station with sensors (temperature, humidity, pressure) using Arduino. Real-time data visualization through a dedicated interface.

#### Automation of a Miniature Gas Pump

Built a simulated flow management system with Arduino. Programmed control logic and simulated the automation process.