

# JULES DEVOUCOUX

## STUDENT IN ENGINEERING

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## SUMMARY

Motivated and eager to learn, I am an engineering student seeking a 6-month gap year internship in strategy consulting. With a solid technical background, strong problem-solving skills and a genuine interest in business strategy, I am ready to take on challenges, rapidly adapt, and contribute effectively to high-impact consulting projects.

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## EDUCATION & QUALIFICATIONS

### **Engineering degree** / sept. 2023 - july. 2026

*Ecole Centrale de Lille, Villeneuve d'Ascq*

The courses I followed involve Aerodynamics, Electrical powertrains, a three months project to design a wind turbine and a three months project aimed at minimizing the drag of a small car by incorporating aerodynamic elements.

### **CPGE - PT** / sept. 2021 - july. 2023

*Lycée Jules Ferry, Versailles*

A two-year intensive program preparing for the national competitive exam for the entry to top-engineering schools. It covers Maths, Physics and Industrial Sciences as majors.

### **OIB (International Option of the French Baccalauréat, now BFI)** / sept. 2018 - july. 2021

*Lycée Jean-Pierre Vernant, Sèvres*

First language examinations in English Literature and History-Geography, in addition to the standard subjects of the French Baccalauréat.

Majors in Maths and Physics.

Awarded with high honours, equivalent to A\*AA.

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## PROFESSIONAL EXPERIENCE

### **Ambassador** / since july. 2024

*JABB - personalised textile and goodies*

Within six months, I generated €20,000 in revenue for the company. My role involves initiating contact with schools, associations, or companies to present our services. After discussing the client's needs, we finalize the order details and draft the agreed quotation. I then forward the order summary to the logistics team and maintain close communication with the client throughout the process, acting as the company's representative.

### **Mechanic** / janu. 2024 - febr. 2024

*BMW-Mini garage, Levallois-Perret*

I first benefited from a formation at the fast service, which focuses on routine maintenance tasks. Then, I accompanied mechanics focused on more complex builds. The projects I took on went from changing engine parts to adjusting the car's geometry through an introduction to diagnosis. Furthermore, I would sometimes help out with the washing service or the parking service when overwhelmed.

### **Welcomer / porter / car keeper / concierge assistant** / june 2020 - july 2020

*Sofitel Paris Baltimore, Paris*

This role was particularly enjoyable as it required autonomy, initiative, and frequent interaction with clients. My responsibilities extended beyond my primary role, as I assisted with valet service and concierge tasks. I frequently faced complex situations, managing multiple tasks simultaneously and often working unassisted.

## **Football Coach** / sept. 2017 - july 2018

*Highbury Wolves, London*

Weekly training of young goalkeepers. This experience was quite pleasing and educational as I was in charge of the lessons and accompanying the youngsters in their season. It allowed me to take on responsibilities while developing a few human skills in order for my students to progress in the best mindset.

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## **PROJECTS**

### **Formula Student - Centrale ONE : Founder and President** / sept 2023 -

Newborn Formula Student team at Centrale Lille. My role is to manage a team of 24 people, guide the development of our prototype and dive into the technical aspects, taking the lead in both braking and direction systems' designs.

### **CPGE Khûp : Co-Founder and Organiser** / febr. 2022 -

Yearly football tournament hosted in Versailles. Its members are the local CPGEs. The tournament should evolve into becoming a major event for students of the area with new members and a forum.

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## **SKILLS**

### **Technical skills**

- Proficient in CAD software, including CATIA V5, SolidWorks, and Onshape
- Skilled in CFD software, particularly Star-CCM+
- Experienced in data acquisition and analysis using MATLAB
- Fluent in programming languages such as Python and C++
- Proficient in Microsoft Office Suite (Word, PowerPoint, Excel)
- Expertise in project management tools, including to-do lists, PERT, and Gantt charts

### **Leadership, Project Management & Teamwork**

Through my academic, extracurricular, and project-based experiences, I have cultivated the ability to function as both a dependable team member and a successful leader in high-pressure environments. Achieving success in these settings requires unlocking the potential of all participants, including team members, supporting staff, and myself. To this end, I prioritize clear and positive interpersonal communication and provide constructive feedback tailored to individual needs. Recognizing the necessity of rigorous organization and planning, I have mastered various project management tools and enhanced my knowledge through a MOOC certification in project management.

### **Problem solving**

A scientific approach is essential to solving complex problems and is universally applicable, especially in fast-paced environments. The context and needs are identified through existing documentation and a literature review, followed by drafting a Functional Requirements Specification and defining deliverables. I have applied this method in school projects, including analyzing a wind turbine and a small car's aerodynamics, and notably with Centrale ONE. When confronted with new challenges, I adapt and quickly acquire academic and practical skills effectively.

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## **FURTHER INTEREST AND ACTIVITES**

### **Sport**

Since my youth, I have been passionate about competitive sports, football being a significant influence that likely nurtured my interest in Formula 1, as both blend competition and cutting-edge engineering. I have competed in various other sports, including rugby, judo, boxing, tennis, and most recently, padel tennis. Currently, I am working towards achieving a place among France's top 3,000 padel players by June 2025. Additionally, I am an active member of Centrale Lille's Sports Office, where I co-organise an annual multi-sport tournament and manage alumni relations.

### **Driving**

My interest in autonomy and diverse modes of transportation has led me to acquire licenses for cars and boats (both river and sea). I have also earned, with high honours, the Brevet d'Initiation à l'Aéronautique (BIA), a theoretical certification that provides foundational knowledge for pursuing a Private Pilot's License (PPL).

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References are available upon request.