

# PABLO DE WULF

## MSc. ENGINEERING STUDENT

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🌐 pablodewulf.eu

## PROFILE

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I am a Dual-degree Electro-Mechanical Engineering student at Free University of Brussels and Denmark's Technical University. I have experience in designing and analyzing thermodynamic and mechanical systems, particularly in refrigeration, heat pumps, and industrial drive systems. My interests lie in energy efficiency and sustainable design, with hands-on skills in system modeling and optimization. I'm naturally curious, and tend to ask a lot of questions, and I am seeking to apply my problem-solving skills in an engineering role focused on innovative and sustainable solutions.

## EDUCATION

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**MSc Electromechanical Engineering**

T.I.M.E. Double Degree Program

2024 - 2026

Vrije Universiteit Brussel, Brussels, Belgium



**MSc Mechanical Engineering**

T.I.M.E. Double Degree Program

2024 - 2026

Danmarks Tekniske Universitet, Lyngby, Denmark



**BSc Applied Sciences and Engineering**

With distinction

2021 - 2024

Vrije Universiteit Brussel, Brussels, Belgium

## PROJECTS

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### Refrigeration and heat pump technologies

- Designing, dimensioning, and modeling custom refrigeration systems and heat pumps.

### Digitalization of thermal energy technologies

- Developed a digital service for a heat pump that is based on a dynamic system model and measurement data.

### Power Electronics

- Designed and analyzed the drive system for a steel coil winding mechanism in a cold rolling mill.

## WORK EXPERIENCE

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### Store Manager

Elisabeth, artisanal chocolate

August 2022

Brussels, Belgium

## SKILLS

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**Languages:** Dutch (Native), English (C1), French (B2), Danish (A1)

**Programming:** Python, Matlab, Excel, Inventor, Modelica

**Soft Skills:** Problem Solving, Public Speaking

## HOBBIES

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competitive track (100m, 200m, 400m), chess, sketching/drawing