



# MAXIME GOBET

## Contact

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- [LinkedIn](#)

## Education

### 2022-2024 | Master Automotive engineering

ESTACA Paris-Saclay  
Specialization : Intelligent connected transport

### 2019-2022 | Bachelor's degree

ESTACA Paris-Saclay

### 2019 | Baccalaureate

Blaise Pascal High school, ORSAY

## Skills

### Programming :

- Python ●●●●○
- MATLAB ●●●●○
- Simulink ●●●●○
- C ●●●○○
- C++ ●●●○○

### Software :

- Solidworks ●●●○○
- Catia ●●●●○
- Carla ●●○○○
- ROS2 ●●●○○
- Office Pack ●●●○○
- Dymola ●●●●●

**Hobbies :** Scouting (11 yrs), photography (@photo\_gobet), athleticism (10 yrs), trumpet (8 yrs)

## Languages

- French** : Native language
- English** : C1 – TOEIC 885/990
- Spanish** : B2

# Full-time job in Adas, AI or embedded software applied to transport

I am a dynamic, autonomous, and dedicated student. My experiences in internships and extracurricular activities have enabled me to demonstrate my effectiveness within a team. Furthermore, I am someone who values learning and dedicates all my energy to ensure complete satisfaction.

## WORK EXPERIENCE

### Internship at Valeo (Thermal systems) – La Verrière

February-August 2024

- Create a digital twin on Dymola
- Calibrate components using bench test data
- Present results, summarize research and advances

### Internship at ALTEN (Innovation Department) - Paris

May-September 2023

- Create a dataset for pedestrian intention detection
- Train Yolov8 to detect crosswalks
- Use of python to manage datasets and deep learning algorithms
- Test datasets on LSTM model

### Internship at WAAT (Charging stations) - Paris

June-July 2022

- Install charging stations, passing high voltage cables
- Prepare intervention files for the technicians
- Make quotes for clients and contact subcontractors

## ACADEMIC PROJECTS

- **Analysis of pedestrian detection algorithms (with ALTEN)**  
- October 2022 – April 2023
- **Design of a rolling bench (with PV3e)**  
- October 2021 - May 2022
- **Developing an autonomous vehicle (with ESTACA)**  
- October 2023 - January 2024



## ASSOCIATIVE EXPERIENCE

### Secretary and communication manager in the association PV3e

September 2021 – September 2023



- Participate to the Shell Eco-Marathon 2022 and 2023
- Design, build and test a fuel-efficient vehicle (Record: 1798km for 1L of fuel)
- Managing the organisation and administration

### Scoutmaster (8-11 and 12-14 years old), group of 25 young people - Orsay (91)

September 2019 - September 2022

- Organise 4 one- or two-weeks summer camps
- Organise and lead meetings
- Educate and support young people

### Volunteer in a Peruvian school in Cusco

September 2024 – October 2024

- Help children with their homework and organize activities