



# MÉLANIE BRÉGOU

Final year engineering student pursuing a double degree in computer vision. Looking for a 6-month internship from February 2024.



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## SKILLS

**Programming skills :** Python (Tensorflow & PyTorch), R, Java, SQL, Bash, Git, Matlab, Office, Photoshop, Lightroom  
**Soft skills :** Teamwork, Communication, Leadership, Fast learner  
**Languages :** French (C2), English (C1), Spanish (B2)

## EXPERIENCE

**Data Scientist Intern** Hillo Summer 2023  
Developed algorithms for automatic data sorting and glycemic pattern detection from diabetic patient datasets.

**Hackathon D4GEN** Genopole April 2022  
First prize obtained in team for the development of a model predicting the conservation status of species.

**Data Analyst Intern** Foch Hospital Summer 2022  
Developed a graphical interface to process, visualize and analyze clinical data using R.

**Project manager** Vocacoach 2021 - 2022  
Coordinating a team of 9 students to create a database for a machine learning model which analyzes oral expressions.

## ÉDUCATION

**Institut Polytechnique de Paris** 2023 - 2024  
Double Master's degree in computer vision, AR/VR, deep learning

**Télécom SudParis** 2021 - 2024  
Highly competitive French "Grandes Ecoles" specialized in Computer science  
Statistics, Optimization, Machine learning, Deep learning, Development, e-health track

**Polytechnique Montréal** 2022  
Aeronautics, Artificial intelligence, Imaging, Entrepreneurship

**Classe préparatoire : Lycée Saint-Louis** 2019 - 2021  
Intensive preparation in Mathematics, Physics, Computer Science, English and Philosophy for the competitive exams required to enter french "Grandes Ecoles"

Scientific Baccalaureate, european section, Mention Très Bien (equivalent of A\*) 2019

## EXTRA-CURRICULAR

**Associations :** Corporate relations officer at Student Art club, Member of the photography club  
**Sport & Music :** Tennis (Gold medal at tennis national French championship UNSS 2019 in team), Guitar, Piano  
**Traveling :** Canada (6 months), UK (2 months), Ireland (1 month), Czech Republic (2 weeks)