

# AUGUSTIN BRESSET

Master in Data Science at École Polytechnique | Applied Maths & Statistics at Télécom SudParis

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Blopausore

Paris, France

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## EXPERIENCE

### Software Engineer Intern

Rubicon

May 2025 – Aug 2025

Bangkok, Thailand

- Migrated all internal management software (ERP) from a proprietary system to **Odoo 18 Community**.
- Designed and implemented robust database models and automated import scripts for production and pricing systems.
- Contributed to improving scalability, modularity, and reliability of the company's digital tools.

### Research Intern

ENSTA Paris

Sept 2024 – Feb 2025

Palaiseau, France

- Conducted a literature review on **SLAM** using LiDAR and IMU.
- Processed robotic datasets and explored **traversability modeling**.
- Worked with **ROS** and **PyTorch** for model testing and data fusion.

### Software Intern

Upfund

Jun 2023 – Aug 2023

Paris, France

- Developed web applications using **Angular CLI** and **Django**.
- Improved API integration and data visualization for financial technology tools.

## EDUCATION

### Master of Science in Data Science

École Polytechnique

Sept 2025 – Sept 2026

Palaiseau, France

- Focused on **Probability, Statistics, and Optimization** with the goal of pursuing a PhD in data science optimization.

### Master of Engineering in Computer Science

Télécom SudParis

2022 – 2026

Évry, France

- Classes in **Statistics, Computer Science, Machine Learning, and Data Engineering**.

### Classes Préparatoires (Maths & Physics, CS option)

Lycée Saint-Louis

2021 – 2022

Paris, France

## ABOUT ME

I have always been drawn to research and mathematics, with a strong interest in solving complex computational problems and finding creative, out-of-the-box solutions.

## MOST PROUD OF

### Rubicon ERP Migration

Led a complete ERP transition for a company during my internship.

### Academic Excellence

Selected for the M2 Data Science at École Polytechnique.

### Autonomous Systems

Hands-on experience in robotics, data modeling, and optimization.

## STRENGTHS

Analytical Thinking

Curiosity

Problem Solving

Project Management

Self-Learning

Detail-Oriented

Python

Django

Odoo

SQL

PyTorch

Data Engineering

Optimization

## LANGUAGES

French



English



## TECHNICAL SKILLS

Python / Odoo / Django



Pytorch, TensorFlow



C++ / Bash / Github / SQL



Web (Angular, HTML, CSS)



## INTERESTS

Piano

Movies

Literature

Climbing

Hiking