



# Fedor Savinov

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## Education

<b>Sorbonne University, Paris</b> Applied Master's Degree in Mathematics (Data Science Path)	2025 – Present
<b>Sorbonne University, Paris</b> Dual Bachelor's Degree in Mathematics & Physics <i>Key Courses:</i> Probability, Statistics, Linear Algebra, Complex Analysis, Quantum & Statistical Mechanics <i>Projects:</i> Numerical simulations in physics, mathematical modeling, supervised research	2022 – 2025

## Professional Experience

<b>Founder</b> <i>EllipseIT</i> Created and managed a digital solutions company specializing in AI process automation. <ul style="list-style-type: none"><li>Designed and deployed automation workflows in Python and ML.</li><li>Led project delivery, client relations, and growth strategy.</li></ul>	May 2023 – Present
<b>Project Manager</b> <i>AntexCloud</i> <ul style="list-style-type: none"><li>Directed a team of 6–10 to deliver projects on time and within budget.</li><li>Implemented dashboards and structured data workflows.</li></ul>	Sep 2022 – Present
<b>Research Intern</b> <i>Observatoire de Meudon</i> <ul style="list-style-type: none"><li>Conducted data analysis for trajectory prediction of celestial bodies.</li><li>Simulated N-body systems and validated results with observational data.</li></ul>	Summer 2023

## Skills

**Programming & Data Science:** Python (**NumPy**, **Pandas**, **Matplotlib**, **scikit-learn**, **yfinance**); ML models; data visualization  
**Other:** Project planning, coordination, risk management    **Soft Skills:** Leadership, team management, scientific communication

## Languages

French (Fluent) | English (Fluent) | Russian (Native)

## Selected Projects

<b>N-body Simulation of Celestial Systems</b> Modeled gravitational systems and validated predictions against astronomical data.	Python, NumPy, Matplotlib
<b>Stock Price Forecasting</b> Built predictive ML models on LVMH financial time-series data.	Python, Pandas, yfinance
<b>Medical Data Analysis</b> Performed exploratory analysis and classification on anonymized medical datasets; evaluated models for predictive accuracy.	Python, scikit-learn, Pandas
<b>Football Penalty Shootout Simulation</b> Simulated penalty shootouts using probabilistic models; analyzed winning chances under different player strategies.	Python, Probability, Simulation

**Interests**  
**Sports:** Brazilian Jiu-Jitsu (competition), Volleyball (university tournaments), Chess  
**Student Associations:** Organized large-scale events (gala, trips, weekends)  
**Other:** Aviation, science communication, artificial intelligence