

Mihnea Popa

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

Master of Financial Engineering

GPA : 3.75/4

Starting September 2025

- *Relevant courses* : Quantitative Finance, Financial Risk Measurement & Management, Derivatives Pricing

NATIONAL SCHOOL OF STATISTICS AND ECONOMIC ADMINISTRATION

Paris, France

ENSAE Paris, member of the Polytechnique Institute of Paris GPA : 4/4 and 3.9/4 *Sept. 2023 – June 2025*

Engineering program in data science, finance and economics (Graduate studies)

- *Relevant courses* : Stochastic Processes, Time Series, Econometrics, Statistics, Microeconomics

LYCEE GEORGES CLEMENCEAU

Nantes, France

Intensive undergraduate preparatory courses for engineering schools

Sept. 2020 – July 2023

- *Relevant courses* : Theoretical Mathematics, Theoretical Physics, Computer Science

SKILLS AND CERTIFICATIONS

- *Technical skills* : R, Python, C++, SAS, SQL, OCaml, L^AT_EX, M365
- *Certifications* : JPMorgan Chase & Co. Quantitative Research Virtual Experience Program

EXPERIENCE

NANTES METROPOLITAN AREA

Nantes, France

Data scientist (Internship second year at ENSAE)

June-September 2025

- Conducted statistical analyses on residential migration using postal forwarding data and comparisons with national census information from INSEE.
- Trained neural networks for the creation of a green land registry, to assess plant biodiversity, and evaluate vegetation coverage using orthoimages with 20 cm resolution and red-infrared data with 50 cm precision.

PAYS DE LA LOIRE REGIONAL COUNCIL

Nantes, France

Project Manager - Statistician (Internship first year at ENSAE)

June-August 2024

- Performed statistical analyses and modeling in R across diverse sectors, including professional training programs for prisoners and ecological pond renovation projects.
- Designed unit cost models during the internship that were approved by the European Commission for planned implementation in 2025, aiming to streamline European aid application reviews by reducing the time of invoice verification to one-sixth.

PROJECTS

- **Applied Statistics and Machine Learning** *November 2024 - May 2025*
Uncounted flood detection via NLP and prediction for Addactis France.
- **C++ Option Pricing Model** *December 2024*
Implementation of the Black-Scholes-Merton model with Monte Carlo price calculation.
- **Supervised Personal Initiative (TIPE)** – Falling asleep at the wheel *November 2021 - April 2022*
Neural network (Python, TensorFlow) to detect the driver's eye opening.

ADDITIONAL INFORMATION

- *Languages*: French (native), Italian (advanced, C1), Spanish (intermediate, B2), Romanian (native)
- *Sports*: Football (15 years at departmental/regional level, youth assistant coach for 3 years), Handball (1 year at HBCN, 2 years university championship, ENSAE women's team coach)
- *Volunteer work*: Vice-President of BDS ENSAE Paris (School Sports Association), established partnership with Intersport and managed licenses and registrations for university competitions (200 students).