Nicolas Martinet

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EDUCATION

- **Northwestern University** — Evanston, IL
  Visiting Predoctoral Fellow — *Summer 2023*
- **University College Cork** — Cork, Ireland
  MSc Data Science and Analytics (1st class honours) — *2022 - 2023*
- **Sorbonne University** — Paris, France
  Cross Registered, Physics — *2022 - 2023*
- **Paris-Saclay University** — Paris, France
  Cross Registered, Applied Economics — *2021 - 2023*
- **Université Paris Dauphine, PSL** — Paris, France
  BS Computer Science (top 20%) — *2021 - 2022*
- **Lycée Sainte Marie Antony** — Antony, France
  Classe Préparatoire aux Grandes Ecoles (CPGE) - Pure Mathematics and Physics — *2019 - 2021*

EXPERIENCE

- **Northwestern University** — Evanston, IL
  Research Assistant (Deep Reinforcement Learning, Multi Agent MDP) — *May - September 2023*
  Advisor: Prof. Qi Zhu
- **University College Cork** — Cork, Ireland
  Teaching Assistant — *January - April 2023*
  ST1051: Introduction to Probability and Statistics
- **DataValoris** — Paris, France
  Data Scientist Intern — *May - August 2022*
  Phylogenetic Deep Learning (Neural Network mutation with genetic programming)
  Python, TensorFlow, XGBoost, LaTeX

SKILLS

- **Programming**: C, JAVA, HTML, Python, Julia, SQL, R, LaTeX
- **Frameworks**: Scikit Learn, TensorFlow, Keras, Pytorch, Numpy, Pyplot, Pandas, NetworkX, Qiskit (Quantum Computing)
- **Languages**: French (native), English (fluent), Spanish (Intermediate)

PROJECTS

- **Economics**: The World Bank GDP Data Analysis
- **Master thesis**: Deep Reinforcement Learning for Optimizing Multi-Agent Patrolling Systems in a Graph

WORK AUTHORIZATIONS

- **European Union**: French Citizen
- **United Kingdom**: High Potential Individual (HPI) visa eligible