

# Carl Monnaert

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## ABOUT ME

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**Professional Interests:** Machine learning, data science and visualization, market efficiency

**Activities:** Chess (1450+ elo), Muay Thai

## WORK EXPERIENCE

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**Incoming Quantitative Research Intern – Edo Theory (Paris, France)** Jul 2026 - Aug 2026

Research and develop alpha signals for systematic trading strategies.

**Computer Science Teacher – Chôten Academie (Paris, France)** Feb 2026 - Current

Delivered intensive holiday courses in Computer Science for preparatory classes students (CPGE).

**Mathematics Teacher – Masteur (Paris, France)** Dec 2024 - Current

Delivered private math courses to high-school and bachelor-level students.

## EDUCATION

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**Target Master's Programs** 2026 - 2027

Imperial College London: MSc Mathematics and Finance

Institut Polytechnique de Paris: M2 MVA | M2 Probabilities & Finance | M2 Data Science

**Télécom Paris - Institut Polytechnique de Paris – Palaiseau, France** 2024 - 2027

Engineer's degree in Applied Mathematics & Computer Science (GPA: 3.8/4.0)

• Relevant Coursework: Stochastic Calculus/ Time Series/ Continuous Optimization/ Databases

**Lycée Roosevelt - "Preparatory Class" – Reims, France** 2022 - 2024

Two-year rigorous undergraduate program in Mathematics & Computer Science (GPA: 4.0/4.0)

• Relevant Coursework: Probabilities/ Linear algebra/ Topology/ NP-completeness

## RELEVANT PROJECTS & CHALLENGES

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**Data challenge Oube Research & Technologies (2026)** Jan 2026 - Current

Asset Allocation Performance forecasting.

**Data challenge Qube Research & Technologies (2025)** Oct 2025 - Jan 2026

Rank: 123/692. Overall Survival Prediction for patients diagnosed with Myeloid Leukemia.

**Medical AI** Jan 2025 - Jun 2025

Designed an app for data visualization and AI-powered flow rate forecasting in hospitals.

**Compiler** Sep 2024 - Nov 2024

Implemented interpreting/compiling RISC-V tools for simplified programming languages.

## SKILLS

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**Technical Skills** Python(Pandas/Scikit/PyTorch), C, OCaml, SQL, Git, L<sup>A</sup>T<sub>E</sub>X, HTML/CSS

**Languages** Fluent in French and English, Conversational Proficiency in Spanish