Carl MONNAERT

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ABOUT ME

Professional Interests:	Machine learning, data science and visualization, market efficiency
Technical Skills:	Python/PANDAS, C, OCaml, SQL, Git, LaTeX, TypeScript, HTML/CSS
Languages:	Fluent in French and English, Conversational Proficiency in Spanish
Activities:	Running,Muay Thaï, Chess, Guitare
Legal Status:	French citizen, available to work in US/UK/EU/Japan

EDUCATION

Télécom Paris - Institut Polytechnique de Paris — **Palaiseau, France**
Master of Science in Applied Mathematics & Computer Science — *2024 – expected 2027*

- **GPA:** 3.81 / 4.0
- **Relevant Coursework:** Stochastic Calculus/ Time Series/ Continuous Optimization/ Databases

Lycée Roosevelt - "Preparatory Class" — **Reims, France**
Bachelor of Science in Mathematics & Computer Science — *2022-2024*

- **Rating: A**
- **Relevant Coursework:** Probabilities/ Linear algebra/ Topology/ NP-completeness

WORK & LEADERSHIP EXPERIENCE

Masteur — **Paris, France**
Math teacher — *Dec 2024 – current*

- Gave private math lessons to high-school and bachelor-level students.

GMJ Phoenix — **Emerainville, France**
Production line intern — *Jun 2025 – Jul 2025*

- Had an internship in a printing factory as a part of my degree to enhance nontechnical skills.

Student's board — **Paris, France**
Treasurer — *Nov 2024 – Feb 2025*

- Participated in the Student's board campaign as responsible for allocating a €10k+ budget and looking for sponsorships (Revolut, Laboratoire Native …).

RELEVANT PROJECTS

Medical AI — *Jan 2025 – Jun 2025*

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

Heat Equation Optimization — *Nov 2022 – Jun 2024*

- Studied and programmed a numerical approach to optimization in 1D, 2D and 3D with visualization tools.

Compiler — *Sept 2024 – Nov 2024*

- Developed interpreting/compiling in RISK-V tools for a set of simplified programming languages such as Python and C.