

DIMITRI TIMOZ

Research ML/DL Intern (aiming at PhD continuation)

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✉ Rouen (76100), France

📍 France

👤 DimitriTimoz

EXPERIENCE

Research Intern ML/DL

LITIS (INSA Rouen)

📅 June 2025 – Aug. 2025

📍 Rouen, FR

- Models on **SPD** covariance matrices for EEG/BCI (log/exp, normalization, positivity).
- **SPD Transformer**: tangent-space attention, end-to-end SPD constraints; **paper under preparation**.
- **Riemannian adversarial attacks** (PGD/BIM/FGM) on SPD networks; results under *submission to ICASSP*.

Co-founder / Developer

INSAgenda (open-source web app)

📅 2021 – Present

📍 Remote / Rouen

- Full-stack **Rust** (Actix), calendar API, Docker, CI/CD.
- **1.7k** users, **50k** visits/month; hosting and monitoring.

Freelance Web Developer

E-commerce platform

📅 Summer 2023

📍 Remote

- Front/Back (React, Node.js), product database, back-office.
- **Stripe** payments, carts, orders, deployment.

Project Lirec+

FALC prompts / refactoring

📅 July 2024

📍 Rouen

- Design of FALC prompt chains (accessibility).
- Modular refactoring, maintainability testing.

EDUCATION

Engineering degree in Computer Science (Data Science/ML)

INSA Rouen Normandie

📅 Sept. 2021 – Aug. 2026

📍 Rouen, FR

- ML/DL projects (GNN, DL), systems, software development. Elected student representative.

Master's in Data Science (double degree)

University of Rouen

📅 Sept. 2025 – Aug. 2026

📍 Rouen, FR

- ML on sequences/graphs, Reinforcement Learning; NLP, Image retrieval, Medical Imaging.

Academic exchange — Data Science/DL

Vytautas Magnus University (LT)

📅 Feb. 2025 – June 2025

📍 Kaunas, LT

SKILLS

PyTorch

scikit-learn

GNN

NLP

Pandas

Python

Rust

C++

JavaScript

Docker

Git

CI/CD

REST APIs

PostgreSQL

Actix

HACKATHONS

- NeurIPS 2024 ML4CFD
- JINSAkatHon 2022–23 (Winner)
- Cod'INSA 2025 (Winner)
- TRACS (Top 20%)
- SWERC (2×)
- Codingame (Top 3900)

PROJECTS

- **Fluid simulation / ML** — data-driven CFD models.
github.com/DimitriTimoz/cfdml
- **Lidar mapping ROS** — evidential occupancy grid (tiled).
github.com/DimitriTimoz/tiled-evidential-occupancy-grid
- **INSAgenda** — timetable management (open-source).
insagenda.insa.lol
- **Many others** — partly open-source on
github.com/DimitriTimoz

LANGUAGES

French

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English

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INTERESTS

Sports

3D Printing

Computing

Science

ABOUT ME

ML/DL engineering student looking for a research internship starting April 2026. My goal is to continue with a PhD to further explore machine learning research challenges.