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: Covariance attention mechanism, end-to-end SPD constraints; foundation model for BCI.
- 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

苗 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-evidentialoccupancy-grid
- INSAgenda timetable management (open-source).
 genda.dera.page
- Many others partly open-source on github.com/DimitriTimoz

LANGUAGES

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.