

Tom EFFERNELLI

Developer & Graphic
Designer


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 French & Swiss

Education

- **Grande Ecole Engineering Diploma – Télécom Paris | Polytechnic Institute of Paris** 2024 – 2027 | Paris, France
One of France's most prestigious general engineering schools in the *Grandes Ecoles* system. Equivalent to a top-tier university specialized in engineering studies. Specialized in Machine Learning and Cybersecurity.
- **B.Sc. in Mathematics – Sorbonne Université** 2025 – 2026 | Paris, France
Prestigious French university degree covering core areas of pure and applied mathematics, including analysis, algebra, probability, topology and statistics.
- **Preparatory Classes in Mathematics, Physics and Computer Sciences** 2022 – 2024 | Lyon, France
Post-secondary top-tier preparation program for the competitive entrance examinations to French Engineering Schools in the *Grandes Ecoles* system.

Professional experience

- **Internship in Telecommunications – Alcatel Submarine Networks** 07/2025 - 08/2025
A world leader at the forefront of technology and innovation in the design of submarine telecommunications cables. Prototyping, modeling, quality control, and optical measurements.
- **Community manager, student integration – Télécom Paris Students Union Board** 04/2025 - 04/2026 | Member
Designed promotional materials, managed social media for student life and school events, and organized major Student Union activities such as new student integration and campaign events.
- **Internship in Theoretical Physics – Eurofins EAG Laboratories** 04/2022
Cutting edge technology & innovation company in surface and interface physical analysis. Discovering a whole set of physical techniques, creating [promotionnal video](#) for new equipment.

Achievements

- **Personal Portfolio Website**
Developed a personal portfolio showcasing *software* and *graphic design projects*. Using Next.js, React, Tailwind CSS, with a focus on responsive design and accessibility. Available online: tom-effernelli.vercel.app
- **Hackathons & GameJams** Participant and organizer
 - Coding competitions participation: Top2 Sorbonne University GameJam, Top5 Ecole 42 hackathon...
 - Organizing the '[Hack the Fork](#)' hackathon on sustainable food: sponsorship, mentor/participant recruitment, communication.See all participations on [my portfolio](#).

Skills

Technical skills: Programming languages: C, C# (+ Unity), Python, Javascript, HTML, CSS
Frameworks and Libraries: Next.js, React, Tailwind CSS
Methods and Tools: Git, Responsive design

Social: Community management (social media), event planification, project management

Languages: French (native), English (C1), German (B1), Spanish (A1)

Arts: Piano (for 9 years in conservatory classes), DJing, Multimedia content creation using Adobe Suite (Photoshop, After Effects, Premiere Pro), Theater (played for 4 years)