



CONTACT

- +33 7 82 95 56 77
- swanlepelcier.pro@gmail.com
- Lamorlaye, France (Open to relocation)
- linkedin.com/in/swanlepelcier
- github.com/swanlepelcier
- swanlepelcier.fr

EDUCATION

2022 - Present

Université de Technologie de Troyes

- M.Sc. in Computer Science & Info Systems
- 5-year Engineering Degree (CTI accredited)

2019 - 2022

Jean Rostand High School, Chantilly

- French Baccalaureate, European Section
- Highest Honors (Mention Très Bien)
- Mathematics & Computer Science

SKILLS

AI & Data Science

- Languages:** Python, SQL, C, C#
- Ecosystem:** PyTorch, Hugging Face, Pandas
- LLM & Agents:** Ollama, LM Studio, RAG, Prompt Eng.
- Generative:** ComfyUI, Stable Diffusion, LoRA

Software & DevOps

- Web & Mobile:** TypeScript, React / Next.js, Expo
- Backend/Cloud:** FastAPI, Supabase, Google Cloud
- DevOps & Env:** Docker, Linux (Debian/Ubuntu), Bash, Git
- Networking:** WireGuard VPN, Reverse Proxy

Creative Tech

- 3D & Game:** Godot, Unity, Blender
- Audio & Art:** DAW / Music Prod, Digital Painting

LANGUAGES

- French (Native)
- English (C1)
- Spanish (B1)

SWAN LE PELTIER

SOFTWARE ENGINEERING & APPLIED AI STUDENT

PROFILE

Seeking a 6-month Software Engineering / Applied AI internship abroad starting February 2027.

Final-year engineering student (M.Sc.) at the University of Technology of Troyes (UTT), specializing in Computer Science & Information Systems. Proven track record in building end-to-end applications, integrating large language models (LLMs), and designing automated cloud workflows. Passionate about self-hosting, generative AI, and modern web/mobile architecture, I thrive at the crossroads of technical rigor and creative problem-solving in fast-paced, collaborative environments.

PROFESSIONAL EXPERIENCE

Stellantis (Poissy)

FEB – JUL 2026

Software & Automation Engineering Intern

- Architected and developed an AI chatbot to automate technical documentation retrieval for industrial automation standards and streamlining troubleshooting.
- Managed and monitored industrial communication networks; drafted comprehensive technical specifications for plant-level deployment.

Groupe Vauban (Herblay)

JULY 2023

Operations Intern — Vehicle Preparation

Ensured rigorous logistics workflows and vehicle compliance; strengthened rigor, autonomy, and team communication in high-cadence operations.

Add a Dog (Paris)

FEBRUARY 2020

Discovery Internship — 2D/3D Production

Observed digital animation pipelines and design workflows for luxury advertising ("La Petite Robe Noire" by Guerlain).

PROJECTS

Junior UTT — Mobile Messaging & AI Scheduling App

Expo, Supabase, GCP, Twilio, VAPI

- Built a full-stack mobile app with real-time messaging, multi-agent AI scheduling, and automated voice/SMS customer workflows.

Steam Game Recommendation System

Python, Kaggle Dataset, CLIPS

- Mined large-scale Steam user libraries using the Apriori algorithm to extract association rules and generated expert-system recommendations via CLIPS.

Self-Hosted AI & Homelab Infrastructure

Docker, ComfyUI, Ollama, LM Studio, WireGuard

- Administered Linux server hosting containerized local LLM endpoints, image generation pipelines (ComfyUI), and secure remote access via WireGuard mesh.

Personal Portfolio & Web Showcase

Next.js, TypeScript, Tailwind CSS, Vercel

- Designed and deployed on Vercel a responsive personal website ("swanlepelcier.fr") highlighting projects, tech experiments, and creative works.

PERSONAL INTERESTS

Music Production (DAW / MAO) — Electronic music composition, sound design & mixing under the pseudonym "Nixor".

Digital Art & Concept Design — Digital painting, prompt-based generative workflows, and 3D modeling.

Cinema & Film Critique — Avid movie enthusiast, actively reviewing and curating film analyses on Letterboxd.