

# LÉO LABORIE

6-month internship starting September 2026

[leolaborie.com](http://leolaborie.com) | [leo.laborie.ll@icloud.com](mailto:leo.laborie.ll@icloud.com) | 06 49 71 45 17 | [linkedin.com/in/leo-laborie](https://linkedin.com/in/leo-laborie) | [github.com/LeoLaborie](https://github.com/LeoLaborie)



## PROFILE

Computer Engineering student at UTC, I design projects combining artificial intelligence, algorithms, and web development. Autonomous and rigorous, I combine analytical skills and creativity to solve complex problems. Active in competitive programming.

## EDUCATION

**Engineering Cycle – Computer Engineering, Université de Technologie de Compiègne (UTC)** 2023 - Present  
PHITECO Minor (Philosophy, Technology, Cognition) – combining cognitive sciences, philosophy of mind, and technologies

**High School Diploma (Baccalauréat Général)** 2023  
*Lycée Joliot-Curie, Rennes, With Honors* – Mathematics, Computer Science – Expert Maths, European Section (Maths-English)

## PROFESSIONAL EXPERIENCE

**CTO & Co-founder – Nealkar** 2025 - Present  
Production deployment of a home car wash matchmaking platform between service providers and individuals.  
Architecture design and complete implementation of the MVP from scratch with Next.js / TailwindCSS / Supabase.  
Project developed with the National Student-Entrepreneur Status via Pépite France, with two other students.

**Mobile Developer (React Native) – Junior UTC - Phonemia startup** Nov. 2025  
Development of critical application screens (Auth0 authentication, interactive video & audio tutorials, user form). Implementation of code and technical documentation. Creation of the Beatbox Star game: animation, game logic, real-time sound validation, and reward screen.

**Street Micro-Entrepreneurship, Zurich, Switzerland (2 weeks)** Aug. 2025  
**100% Autonomous Initiative:** Creation of a mobile waffle (stroopwafel) sales business with no structure, stand, or network.  
**Cold Prospecting & Performance:** Cold approaching thousands of passersby on the street (English only) with a simple tupperware containing the stroopwafels. Optimized sales pitch, achieving an average profitability of around 50€/h.  
**Soft Skills:** Massive steps out of the comfort zone, rejection management, boldness, communication, and resourcefulness.

**Internship - Groupe Morault, Printing House of Compiègne** - Handler, production logistics 2024

## NOTABLE PROJECTS *See all my projects on [leolaborie.com](http://leolaborie.com)*

**Unsupervised Deep Learning - Autonomous Drone Navigation to a Target** 2025  
*6-month university project in collaboration with Intellitech, following a course on fuzzy mathematics applied to AI*  
Autonomous drone model trained using Deep Reinforcement Learning, achieving a 97.2% success rate in destroying its target, via the implementation of the Proximal Policy Optimization (PPO) algorithm in Unity with ML-Agents.

**Unsupervised Deep Learning - SnakeAI** 2024  
Development of a frugal neural network for the game Snake, reaching a score of 35 apples on a 10x10 grid using only 10 input neurons, thanks to a genetic algorithm and an innovative pre-training protocol to accelerate convergence.

**XtraSup** 2024  
Modeling a decision support system for post-baccalaureate candidate selection (UTC), transforming qualitative criteria into decision scores by creating a fuzzy logic rule engine simulating the expertise of the admission jury.

## COMPETITIONS & HACKATHONS

**SWERC (Southwestern Europe Regional Contest)** 2023 - 2026  
Ranked Top 15 in France and 67th in Europe (5-hour ICPC programming contest in teams of 3).

**YouScribe Hackathon at UTC** 2024  
1st place at the YouScribe x UTC hackathon, in a team with 3 other UTC students. The goal of the hackathon was to create a book recommendation algorithm based on its relevance and execution speed for YouScribe platform users.

## VOLUNTEER & INVOLVEMENT

**President & Treasurer – UTCODE (UTC Competitive Programming Association)** 2023 - Present  
Management of the association: organizing weekly training sessions and coding events.  
Financial management, fundraising, and logistics organization for participation in SWERC.

## TECHNICAL SKILLS

Languages: Python, C++, JavaScript, C, PHP, SQL, PostgreSQL | Web/Mobile Development: Next.js, Tailwind CSS, React Native  
Machine Learning: Scikit-learn, XGBoost, TensorFlow | Others: Git, Linux, algorithms, Web Scraping, API integration

## LANGUAGES

French: Native, C2 | English: Fluent, B2 | Spanish: Beginner, A2

## INTERESTS

- **Chess:** 1500 ELO on chess.com, formerly 1 year in a club
- **Sport:** Street Workout, self-improvement