

# RAPHAEL GIRAUD

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Portfolio: [toukouv.fr](https://toukouv.fr)  
Github: [github/toukouv](https://github.com/toukouv)

As a **Full Stack software engineer specializing in AI**, I blend my École 42 education in Paris with hands-on experience gained during my internship at lighton.ai, where I developed secure GPTs at the forefront of artificial intelligence innovation. My track record includes numerous successful projects and three hackathon victories, reflecting my entrepreneurial spirit, creative problem-solving abilities, and exceptional adaptability. This combination of technical expertise and innovative thinking allows me to approach challenges with both efficiency and imagination, consistently delivering solutions that exceed expectations.

## Internship at lighton.ai

Jan 2025 - Present

- Worked on adding new features for AI tools such as MCP
- Implement a DeepSearch Feature. Enabling the AI to research a topic deeply by combining internal documents + live web results into a final report
- Developed connectors for Google Drive, SharePoint and Teams to sync documents into our company's AI platform for RAG capabilities
- Developed specialized web scraping for AI applications
- Built custom tool integrations for AI agents

## 42 Projects

Sept 2024 - Present

- Transcendence: Group project to create a full stack web application (online Pong game) with features including chat, matchmaking, 2FA and JWT, multiplayer management with websockets. Implemented a REST API with Django and created a SPA in vanilla JS.
- Minishell: Designed a command interpreter similar to Bash in C, managing complex features such as environment variables, program execution, pipes, and redirections.
- Inception: Advanced Docker configuration to manage a multi-container environment including WordPress, reverse-proxy, and SSL certificates, using Docker and docker-compose.

## Winner of 3 international hackathons

2025

- ETH Oxford, Paris Blockchain Week & Colosseum Breakout Hackathons
- Built DEFAL at ETHOxford, then evolved it into synto.fun for Paris Blockchain Week & Colosseum
- Created an AI agent interface designed to make Web3 feel effortless — sending, swapping, signing contracts, all through a smooth chat UI
- Project available at: <https://synto.fun>

## Winner of the Gotta Go Hack AI Hackathon

July 2024

- Developed a voice-based virtual salesperson accessible via QR code to improve the customer-to-salesperson ratio
- Created an AI pipeline with API calls and a RAG

## EDUCATION

### Master's Degree 42 School

Ranked 7th/500 in the École 42 "piscine"  
Final Exam 84.13/100

July 2023 - Now

### Scientific Baccalaureate (Advanced Mathematics Option)

With Highest Honors - 16.77/20

June 2022

## SKILLS

C, C++, Python, JavaScript, HTML, CSS, Tailwind, React, Next.js, Django, Git, GitHub, Docker, Object-oriented programming, Algorithms and data structures, PostgreSQL, Supabase, Neon, Prisma, Figma, Curious mindset, Initiative, Entrepreneurship

Former High-Level Mountain Biking Athlete in Cross-country Top 10 in French Cup and Top 15 in World Cup