

Edouard Adam

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EDUCATION

EPHEC

Bachelor in Computer Science

Sep. 2022 – Aug. 2026

Lowain-la-Neuve, Belgium

COURSEWORK

- Data Structures
- Services Deployments
- Secure Networking
- Systems Programming
- Software Development
- Database Management
- Internet Technology
- Computer Architecture

EXPERIENCE

Ataya and Partners

Internship

April 2025 - June 2025

Brussels, Belgium

- Executed a security audit and developed a detailed report in line with the NIS 2 Directive.
- Redesigned and updated the website, including the creation of user forms and the automation of key processes.
- Identified and prospected potential clients (portfolio) through advanced research and targeted outreach.
- In-depth study of the NIS 2 Directive and its operational implementation.

Erasmus+ Blended Intensive Programme at ISTECS Business School Paris

Blockchain technology and innovative business models

October 2023

Paris, France

- Engaged in cross-cultural collaboration with international students on a thematic group project.
- Gained understanding of the potential and applications of Web3 and blockchain technology.
- Developed an innovative business model based on the integration of new technologies.

PROJECTS

CritiQ | *Python, Django, React, SolidJS, PostgreSQL, Supabase, Vercel*

January 2025 - June 2025

- Designed and developed a community web application for film reviews.
- Integrated external APIs (TMDB) for film data retrieval, and implemented security mechanisms (route and website protection).
- Implemented an email-based account verification system (via MailerSend).

WoodyToys | *Debian, Nginx, MariaDB, PHP, Docker Swarm* January 2025 - June 2025

- Configured and deployed a comprehensive server infrastructure (DNS, Web, and Mail).
- Enhanced service security by implementing SSL/TLS, DNSSEC, DKIM, DMARC, Firewalls, Fail2Ban, and SpamAssassin.

SmartPaws | *Stack MERN, Mqtt Broker(HiveMQ), DevOps*

September 2025 - December 2025

- Designed and developed a connected pet food dispenser (IoT project).
- Managed the complete product lifecycle, from device manufacturing and sensor configuration to ensuring seamless interconnection with the web application.
- Developed a dynamic web interface displaying real-time dispenser data.
- Applied Agile methodology (Scrum) principles, including organizing daily scrums and weekly sprints.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, HTML/CSS, C

Technologies/Frameworks: Linux, GitHub, React / Next.js, Docker, MongoDB, Supabase, Django

OTHER ACTIVITIES

Ford Models Paris

Model

November 2023 - Present

Paris, France

- Fashion Weeks (Paris and Milan) runway experience, including engagement for luxury brands.