

SEAN VERGAUWEN

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Education

EPHEC

Bachelor in Computer Science

Sep. 2022 – Aug. 2026

Lowain-la-Neuve, Belgium

Relevant Coursework

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

Experience

GOlegal

IT Developer Internship

February 2026 – May 2026

Brussels, Belgium

- Working on an AI coached agent integrated in MS Teams meetings.
- Developing a legal watch app that monitors regulatory changes across various sources and notifies the users if one of his assets is affected by any changes.
- Used technologies as TypeScript, NextJs, Tailwind, Fastify, MS Azure, MS Dataverse, MS Power Automate, MS Foundry AI, Github Actions, Python, Playwright, Docker, etc.

World Customs Organization

Student job

August 2024 – September 2024 / July 2025 – December 2025

Brussels, Belgium

- Helping on the automation of the Legal department's contracts encoding.
- Integrated and compilation of metadata for the Legal department database.
- Scanning and encoding HR documents in their database.

Erasmus+ Blended Intensive Programme at ISTECS Business School Paris

Blockchain technology and innovative business models

October 2023

Paris, France

- Collaborating with students from different countries and cultures.
- Developing my entrepreneurial skills in an international context.
- Creating a business model built on innovative technologies.

Optician Sylva SRL

IT Volunteering

January 2022 - June 2025

Brussels, Belgium

- Resolving IT problems in a wide sense (Software, Databases, Hardware, etc.)
- Being attentive of the owner's needs, think logically and critically in order to find the best solutions.
- Utilizing modern tools to resolve most problems remotely.

Projects

Woodytoys

SysAdmin / Devops

January 2025 – June 2025

- Configuration and deployment DNS, WEB, and Mail servers.
- Assuring the security of those services via SSL, DNSSEC, DKIM, DMARC, Firewalls, Fail2Ban, SpamAssassin, etc.
- Used technologies as Debian, Nginx, MariaDB, PHP, Docker Swarm, etc.

LEGO Car

Electronics / Web development

January 2025 – June 2025

- Building a remote controlled Car with LEGO's and a Raspberry pi pico w.
- The car was controlled via TCP/IP on a webpage on the internet.
- Used technologies as Python, Debian, Nginx, Docker, MongoDB, Express, JavaScript, etc.

Technical Skills

Languages: Python, TypeScript, HTML/CSS, SQL, C.

Technologies/Frameworks: Linux, GitHub, React / Next.js, Express, Docker, MongoDB, Supabase, MS Azure and a lot more.

Leadership / Volunteering

Pluralists scouts of Belgium

Scoutmaster

September 2023 – Present

Brussels, Belgium

- Manage and entertain, with a little staff, a group of around 20 children.
- Planning an annual budget for all the activities, summer camps, and week-ends.
- Being responsible of this group and undertake that role within my staff and the children.