

Software Developer graduated from UCLouvain, with practical experience in Java, Python and web application development through academic and personal projects. Strong interest in backend systems, clean code, databases and solving real-world technical problems.

Technical Skills

Backend	Java, Spring Boot, Python, REST APIs, Hibernate/JPA
Frontend	Angular, JavaScript, HTML, CSS
Databases	SQLite, MySQL, PostgreSQL, SQL
Tools & Environment	Git, Linux, Ubuntu Server, Docker, Windows
Concepts	Agile/Scrum, Unit Testing, OOP, MVC, CI/CD

Projects (Academic & Personal)

FileSeal (2025 - Personal)

- Developed a desktop application to batch-generate and verify file checksums (MD5, SHA-256) for folders and media libraries.
 - Simple and user-friendly: one-click integrity checks with file-type filters
- Technologies:** Python, GUI development (Tkinter), SQLite, PyInstaller

MonopolyIRL (2022 - UCLouvain)

- Group project (team of 5): designed and developed a multiplayer mobile game inspired by Monopoly, following an Agile/Scrum workflow
 - Players buy and manage real-world properties using geolocation
- Technologies:** Java, Android Studio, XML, Firebase, Google Maps API

Dynamic Web App for Data Visualization (2020 - UCLouvain)

- Group project (team of 3): built a customizable web app to visualize database content with interactive charts
 - Focused on clean code structure, peer reviews, and performance optimization
- Technologies:** Python, Flask, SQL, HTML, CSS, JavaScript, Zurb Foundation

Autonomous Mini Car (2018 - ULB)

- Group project (team of 7): built an autonomous miniature car prototype with traffic sign recognition (STOP / mandatory direction)
 - Worked with a project lead and iterative delivery with task distribution (Agile-style)
- Technologies:** Python, NumPy, Raspberry Pi, Arduino, camera modules

Education

B.Sc. Computer Science, UCLouvain – *Graduated with distinction*

2019 - 2025

- Minor in management
- Relevant coursework: *Informatics 2* – Grade: 20/20 (Java, object-oriented and functional programming, data structures, algorithm complexity, concurrency)

Ecole polytechnique de Bruxelles, ULB

2017 - 2019

- Built a strong foundation in scientific and engineering principles

High school diploma (CESS), Institut de la Vallée Bailly

2010 - 2017

- Major in mathematics (8h/week) and sciences (6h/week)
- Qualified twice for the semi-finals of the Belgian Math Olympiad

Interests

Personal tech projects

Plex server management, recreational web development for personal use and friends

Technologies: SSH, Ubuntu Server

PC building & hardware

PC building, component advising, performance optimization

Sports

Running, chess, badminton, table tennis

Professional Experiences

Warehouse Operative, D'ieteren

Kortenberg – Sept. 2020 to Sept. 2025

- Picked and packed orders efficiently as part of a logistics team
- Maintained accuracy and speed under time constraints

Cafeteria Staff, UCLouvain

Louvain-la-Neuve – 2019 to 2021

- Operated in a dynamic, multitask environment: food preparation, serving, dishwashing, barista tasks, and cash register
- Worked both independently and as part of a team

Languages

French

Native

Serbo-Croatian

Native

English

Fluent

Dutch

Basic