

Nedjar Ayoub

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End-of-study internship (February – June 2025) to obtain a bachelor's degree in computer science at ESI (HE2B)

EDUCATION

École Supérieure d'Informatique (ESI)

Brussels, Belgium

Bachelor's degree

Expected June 2025

Relevant Coursework: Data Structures & Algorithms; Web & Mobile Development; Databases; Software Analysis (UML) & Design Patterns; Operating Systems(Linux/Unix)

SKILLS

Programming Skills: Java, JavaScript, C/C++, SQL, PHP, Kotlin, Python, C#

Tech Skills: Git, HTML/CSS, MongoDB, Linux, UML and analysis, QT widget, Scenebuilder

Frameworks: Laravel, Django, Jetpack Compose, ASP.Net Core, Spring

Soft Skills: deep focus and deep work, reverse engineering, code inspection

Languages: Fluent in French and Arabic, Intermediary in English and Dutch

Interests: Judo, Football, Swimming

PROJECTS

Tetris (C++, QT) - [GitHub](#) - 2023

- Developed a C++ implementation of the classic game Tetris,
- Made two different views for the same model: console-based and GUI with QT Widget

WebShop (Laravel, PHP) - [GitHub](#) - 2023

- Developed a secure platform where users can share shops and articles in a protected environment.
- Integrated a robust authentication system with secure login/register functionalities and SSL certificates for encrypted data transmission.
- Enabled users to perform CRUD operations on posts and securely share content with others.
- Focused on security by implementing data validation, encrypted user sessions, and HTTPS protocols to ensure safe interactions between users.

Discover more projects in Java, PHP, C++, Kotlin and others on my [GitHub](#)

WORK EXPERIENCE

Introduction to Computer Science for Kids (Scratch) - Bambins Futé

Brussels, 2023

- Led workshops at Bambins Futé to introduce young students to the basics of programming using Scratch, a visual programming language.
- Taught fundamental coding concepts such as loops, conditionals, and variables through interactive projects and games.
- Encouraged creativity and problem-solving by helping students build their own simple animations and stories.
- Created an engaging and supportive learning environment to inspire enthusiasm for technology and coding.