

# Bilal KEFIF

Software Engineering Student

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Portfolio: [portfoliobilalkefif.netlify.app?lang=en](https://portfoliobilalkefif.netlify.app?lang=en)

## Profile

Second-year student (Master's level) at ENSIIE, specializing in software engineering (software architecture, formal methods, security). Transitioning to **cybersecurity** next semester and seeking an **internship in this field**. Dynamic, rigorous, and creative, I adapt quickly to new situations.

## Education

**Université Laval** – Quebec, Canada

*January – May 2026*

Master's in Computer Science, Cybersecurity specialization (international exchange)

**ENSIIE** – National School of Computer Science for Industry and Business

*Évry, France · 2024 – Present*

Engineering Degree in Software Engineering: software architecture, advanced programming, formal methods, digital security

**Preparatory Classes – Lycée Albert Schweitzer**

*Le Raincy, France · 2021 – 2024*

Intensive preparation for French engineering schools (Physics-Chemistry track)

**Lycée Honoré de Balzac**

*Mitry-Mory, France · 2018 – 2021*

French Baccalaureate, Physics-Chemistry and Mathematics specializations

## Internship

**idIA Tech – Software Developer**

*Montpezzat, France · May – August 2025*

- Development of Grimport scripts (Groovy/Java) to automate supplier catalog imports into e-commerce CMS
- Website reverse engineering, data extraction and transformation (web mining)
- Restoration of the Grimport IDE debugger: code fixes, manual dependency integration, Gradle/Eclipse configuration

## Projects (details in portfolio)

- **BiLOCAL** (*React, Flask*) – Coworking space booking application
- **PharmaPlan** (*Python, PyQt5*) – Pharmacy schedule management
- **Sevent** (*Java, JavaFX*) – Student event management platform
- **JavaFX Expressions** (*Java*) – Mathematical expression evaluator
- **OCaml Editor** (*OCaml*) – Text editor with buffer management
- **Card Game** (*C*) – Command-line card game

## Skills

**Languages:** Python, Java, C, JavaScript, TypeScript, SQL, HTML/CSS, PHP, OCaml, Groovy    **Frameworks:** React, Flask, JavaFX, PyQt5    **Tools:** Git, Docker, VS Code, Gradle    **DB:** SQLite, PostgreSQL, MySQL

## Languages & Interests

**French:** Native    **English:** Advanced

**Interests:** Formula 1, Football, Travel