

Bilal KEFIF

Software Engineering Student

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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**

Montpezat, 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