

ELMEDJADJI Kamel

0540664189 | kamelelmedjadji12@gmail.com | <https://www.linkedin.com/in/elmedjadji-kamel-8a9a5526a>

SUMMARY

Graduate in informatics specializing in software engineering with solid experience in computer vision and natural language processing. Proficient in Java and Java Swing, with extensive experience in web and desktop development, simulation, and IoT domains. Mastery of object-oriented programming (OOP), using design principles to create scalable and maintainable software solutions. Recognized for exceptional problem-solving abilities, research skills, and a collaborative approach to project execution.

TECHNICAL SKILLS

Programming Languages: Java/Java Swing, JavaScript, C++, Python, Node.js, ATL, SQL.

Web Development: HTML, CSS, JavaScript, Node.js, MySQL.

Desktop Development: Java/Java Swing, MySQL, Netbeans IDE.

Simulation: iFogSim version 2, MATLAB.

Software Development: Object-Oriented Programming (OOP), Design Patterns, Agile Methodologies.

Tools & Technologies: MySQL Workbench, Visual Studio, Microsoft Office, LaTeX, Weka GUI, StarUML, Netbeans, Eclipse, OverLeaf, Git, GitHub.

General Skills: Teamwork, Problem Solving, Project Management, Communication, Adaptability.

Languages: Arabic, French, English.

PROFESSIONAL EXPERIENCE

Study of the impact of task placement level on the efficiency of an IoT system

Final Year Project

Dec 2023 – Aug 2024

Eclipse, IoT, Java, iFogSim2 Simulator

- Developed and used an algorithm to dynamically allocate tasks based on predefined criteria.
- Implemented various task placement strategies in a simulated IoT environment, using a mix of IoT devices, edge nodes, and cloud servers.

Development and design of an application for the medical management of an ophthalmology clinic

Final Year Project

Jan 2022 – Aug 2022

Java, Java Swing, MySQL, SQL

- Developed a comprehensive patient management system.
- Implemented scheduling and appointment modules.
- Deployed the application on a secure cloud platform for accessibility and scalability.

INTERNSHIPS

Internship to develop a medical management application for an ophthalmology clinic

Management Project

2021–2022

Centre D'ophtalmologie Chlef (OPHTA) Dr. Chemami.

PROJECTS AND CERTIFICATIONS

Development of an application for the general management of a medical clinic

Management Project

2022

Java, Java Swing, MySQL, SQL

Portfolio Project

Personal Portfolio

2024

HTML/CSS, JavaScript

EDUCATION

University of Hassiba Ben Bouali

Degree: Master's

Chlef, Algeria

Aug 2022 – Jul 2024

Major: Computer Science

Specialization: Software Engineering

University of Hassiba Ben Bouali

Degree: Bachelor's

Field: Mathematics and Computer Science

Major: Computer Science

Specialization: Computer Systems

Chlef, Algeria

Aug 2019 – Jul 2022

Lycée IDAIKRA Mohammed -Ténès-

Baccalaureate in Electrical Engineering

Chlef, Algeria

Jul 2019