

Chalkha Achraf

Computer Engineering Student

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📍 Fes, Morocco



Summary

Motivated fourth-year Software Engineering student, with hands-on experience in various types of development, including web, desktop, and console applications. Passionate about Java programming and modern web development, I am seeking internships and opportunities to further my studies and skills.

Education

NATIONAL SCHOOL OF APPLIED SCIENCES AL HOCEIMA (ENSAH) <i>Computer Science Engineering</i>	2022 - 2025 <i>Al Hoceima, Morocco</i>
NATIONAL SCHOOL OF APPLIED SCIENCES AL HOCEIMA (ENSAH) <i>Preparatory cycle</i>	2021 - 2023 <i>Al Hoceima, Morocco</i>
Oum Al Quora High School <i>Baccalaureate in Mathematical Sciences B - French Option</i>	2020 - 2021 <i>Fes, Morocco</i>

Projects

TALENT ACQUISITION MANAGEMENT SYSTEM (TAMS)

- Building a recruitment management app using Spring Boot, Spring Security, Microservices, DDD, EDA (CQRS) for the backend and React.js with Redux for the frontend
- Ensures secure and efficient talent request handling with automated job postings

SOCIAL MEDIA SENTIMENT ANALYSIS, BIG DATA-POWERED SENTIMENT INSIGHTS

- Developing a Java-based sentiment analysis application using Hadoop, Spark, and NLP models
- Created JavaFX UI for visualization

CLOTHES SIMILARITY SEARCH, IMAGE-BASED CLOTHING SEARCH WEB PLATFORM

- Developed a full-stack web platform using Flask, Python, and React.js to search for similar clothing items via image and voice input.
- Containerized the application with Docker to ensure efficient deployment and cross-platform compatibility.

UNISPHERE, SCHOOL MANAGEMENT WEB PLATFORM

- Development of a responsive web platform to manage administrative school services at ENSAH
- Leveraged HTML, CSS, PHP (Laravel), and JavaScript

Technologies and Skills

Programming Languages: Java, PHP, JavaScript, Python, C++, C#

Web Technologies: HTML5, CSS3, Tailwind CSS, RESTful APIs, JSON

Frameworks & Libraries: Laravel, React.js, TypeScript, Spring Boot, Spring MVC, Spring Security, Spring Data JPA

Databases : MySQL, PostgreSQL, MongoDB

Java Ecosystem: Java EE, Servlet API, JSP, Hibernate, Maven/Gradle

DevOps & Tools: Git, GitHub, Docker, Jenkins, CI/CD, Linux, AWS

Certifications

ORACLE CERTIFIED ASSOCIATE, JAVA SE 8 PROGRAMMER - Oracle

ORACLE CLOUD INFRASTRUCTURE FOUNDATIONS ASSOCIATE CERTIFICATE - Oracle

DOCKER FOR BEGINNERS - Udemy

Extracurricular Activities

Team Leader – CHESS CLUB ENSAH: Led organization of first FARAS regional chess tournament, coordinating team members and ensuring effective communication. Enhanced leadership and event management.