

Zohra Hanafi | Java Software Developer

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Website: <https://zohrahanafi.github.io/Portfolio/> | LinkedIn: [linkedin.com/in/zohra-hanafi/](https://www.linkedin.com/in/zohra-hanafi/) |

GitHub: github.com/zohrahanafi

Motivated and detail-oriented Junior Java Developer with hands-on experience in efficiently developing user-friendly Java-based applications. Skilled in the Spring Boot framework and Java EE, with additional familiarity in front-end development using Angular. Seeking a challenging role where I can apply my strong problem-solving abilities and contribute to the success of innovative projects.

SKILLS SUMMARY

- Strong Programming skills in Java, SQL (MySQL, MongoDB), and Python.
- **Framework:** Angular, Spring Boot, Bootstrap.
- **Others:** HTML, CSS, JavaScript, Linux, Git, UML, REST API.
- Fluent in English, French, and Arabic.

EDUCATION

Wilmington University

Aug 2021-(Expected) Aug 2023

Information System Technology / Web Design (GPA:3.94)

Wilmington, DE

Relevant coursework: System Analysis and Design, Data Management, Data Communication and Networking, Project Management, Web Design and Architecture, Advanced Markup Language, Web Design with Visual Basic, IT Policies, Web Design with JavaScript, Database/Web Design Integration, Web design capstone.

In progress: Field experience/Traditional Research.

University of Algiers I, Algeria

Sep 2019 – Nov 2021

M.S Intelligent Computer System Engineering

Algiers, Algeria

Relevant coursework: Machine Learning, Computer Vision, Web Engineering Development, Data Warehouse, Software Engineering, Mobile Development, Advanced statistics, Data Mining, Cryptography, Security.

University of Algiers I, Algeria

Sep 2016 – Jun 2019

B.S Computer Science

Algiers, Algeria

Relevant coursework: Algorithms, Algebra, Calculus, Statistics, Object Oriented Programming, Data Structure, Operating systems, Databases, Security, Software Engineering, Networking.

CERTIFICATION

COURSERA SPECIALIZATION

November 2020

Deep Learning by [DeepLearning.ai](https://www.deeplearning.ai)

Relevant coursework: Neural Networks and Deep Learning, Improving Deep Neural Networks, Structuring ML Projects, Convolutional Neural Networks, Sequence Models.

Others from Coursera: Programming with JavaScript, Version Control.

WORK EXPERIENCE

SONATRACH (Algerian state-owned oil company)

Mar 2021-Sep 2021

Software Engineer Intern

Algiers, Algeria

- Developed in-house RESTful API Management System using Spring Boot, Angular, and MongoDB that allows employees to manage, monitor, and search for Petro-technical studies.
- Transferred studies related materials and documentation (raw files) from seven servers to an unstructured database after extraction of relevant information.
- The new system eliminated exhausting searches and inaccuracies from large servers, which saves time and increases employees' efficiency.
- Imitate core functionalities of "Stack Overflow" to implement an in-house knowledge base system to share and search for solutions.

AIR ALGÉRIE (Algerian Airlines)

Feb 2019 – Jun 2019

Software Developer Intern

Algiers, Algeria

- Used JAVA EE to develop web application that extracts and decrypts Amadeus files to a relational database that helped significantly reduce financial loss (caused by travel agencies).
- Used Batch processing to optimize the load of large Amadeus files to the database from 15 min to less than 2 min.
- Built a dashboard to query flights database, monitor sales and cancelations; and display on-demand reports and statistical summaries.

VOLUNTEER LEADERSHIP

SCHOOL OF AI ALGIERS CLUB

October 2019 - March 2021

Graphic Designer

- Designed and distributed event materials (flyers, posters) and coordinated operations.
- Assisted in events organizations.

SHELLMATES CLUB

October 2018 - May 2020

Graphic Designer

- Designed and distributed event materials (flyers, posters) and coordinated operations.
- Organized awareness campaigns about hacking and computers fraud around universities and high schools.