

SIHEM BOUHENNICHE

Computer science engineer

✉ sihem.bouhenniche@gmail.com
🌐 <https://sihem-portfolio.fly.dev/>

🌐 [linkedin.com/in/sihem-bouhenniche-467ba814b](https://www.linkedin.com/in/sihem-bouhenniche-467ba814b)
📍 173 Avenue de Dunkerque, 59000, Lille, France

☎ +33 620517846

EDUCATION

Computer science and software engineering degree

Higher School of computer science (ESI)

📅 Sep 2015 – Sep 2020 📍 Algiers, Algeria

- The project aims to automatically generate an ontology of human resources for e-recruitment.
- It involves creating an automated pipeline using algorithms and machine learning models.
- A web application is developed using Django, VueJS, and Neo4j to allow users to access and explore the HR-ontology elements.
- The HR-ontology is utilized to enhance the search engine of the Emploitic platform and improve the matching between candidate profiles and job offers.

Master's degree in computer systems and software

Higher School of computer science (ESI)

📅 Sep 2015 – Sep 2020 📍 Algiers, Algeria

- Literature Review on ontologies in the Human Resources Field.
- Successfully published a research article in the MTSR 2020 conference. The article titled "Automatic Human Resources Ontology Generation from E-Recruitment Platform Data" focused on the development of an automated method for generating an HR ontology using data from an e-recruitment platform.

Baccalaureate Math Serie

Ali Ammar High school

📅 Sep 2012 – Sep 2015 📍 Algiers, Algeria

EXPERIENCE

Research engineer

INRIA

📅 Jan 2022 – ongoing 📍 Lille, France

- Working on developing and maintaining amiunique.org, a platform for browser fingerprinting.

Software engineer - Frontend web development

Ouedkniss.com

📅 Nov 2020 – Dec 2022 📍 Algiers, Algeria

- Participating in the development of Ouedkniss.com (Lead of e-commerce in Algeria) platform services.

Freelance web developer

Data First Technology

📅 Feb 2020 – Sep 2020 📍 Algiers, Algeria

- Frontend Development of web applications using AngularJS.

Internship - Software quality assurance

Emloitic.com

📅 Aug 2019 – Oct 2019 📍 Algiers, Algeria

- Work on Automated acceptance testing using Cucumber and Ruby.

TOOLS & LANGUAGES

Python Pytorch Spacy

Scikit learn TensorFlow

Django, Django rest framework

Neomodel

HTML, CSS, JavaScript ES6, Typescript

Jquery, Bootstrap VueJS, NuxtJS

ExpressJS Capacitor AngularJS

ReactJS, React Native PHP

Neo4j GraphQL

MySQL, PostgreSQL Firebase

MongoDB

Java, JavaFX C Kotlin

Git, Github, Gitlab, Heroku

Gitlab CI/CD Docker, Docker-compose

Jenkins Cypress, Selenium, Cucumber

PERSONAL PROJECTS

🌐 **Portfolio**
<https://sihem-portfolio.fly.dev/>

📱 **MedDoc**
Android mobile application for exchanging pharmaceutical products

🌐 **Website development**
Website for efficiently managing an online tea store, accessible at www.kittheadz.com.

📖 **JAWAL : Touristic web application**
Best open source hack in MLH Local Hack Day (2018) : devpost.com/software/jawal

BLOGS

📖 **Medium blogs**
https://medium.com/@fs_bouhenniche

LANGUAGES

English
French
Arabic

