



# Nadjib Mouhoun

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## ABOUT ME

Motivated and passionate Automation and Software engineer specialized in frontend. currently enrolled in a Master's program in Creative Computing and Artificial Intelligence. Actively seeking to full-time/part-time job or internship opportunities in frontend development.

## EDUCATION AND TRAINING

23/09/2024 – CURRENT Lisbon, Portugal  
**MASTER IN CREATIVE COMPUTING AND ARTIFICIAL INTELLIGENCE** Faculty of Design, Technology and Communication - IADE

**Website** <https://www.iade.europeia.pt/en/>

20/11/2023 – 14/02/2025 Remotely  
**FULL-STACK SOFTWARE ENGINEERING PROGRAM** ALX/Holberton School

**Website** <https://www.alxafrica.com/>

09/2022 – 07/2024 Boumerdes, Algeria  
**M.SC IN AUTOMATION AND INDUSTRIAL COMPUTING** Faculty of Technologie - UMBB

**Website** <https://ft.univ-boumerdes.dz/>

09/2019 – 07/2022 Boumerdes, Algeria  
**B.SC IN SCIENCE AND TECHNOLOGY, SPECIALIZING IN AUTOMATION** Faculty of Technologie - UMBB

**Website** <https://ft.univ-boumerdes.dz/>

07/2019 Dellys, Algeria  
**MATHEMATICS HIGH SCHOOL DIPLOMA** Drif Brothers High School

## WORK EXPERIENCE

05/2024 – 07/2024 Dar El Beïda, Algeria  
**SOFTWARE & AUTOMATION ENGINEER (THESIS INTERNSHIP)** AIR ALGÉRIE

27/03/2022 – 05/04/2022 Dar El Beïda, Algeria  
**AUTOMATION ENGINEERING TECHNICIAN INTERNSHIP** AIR ALGERIA, AIRCRAFT MAINTENANCE AND REPAIR DIVISION

12/2021 – 01/2022 Reghaïa, Algeria  
**AUTOMATION ENGINEERING TECHNICIAN INTERNSHIP** NATIONAL MAJOR PETROLEUM WORKS COMPANY (ENGTP)

## DIGITAL SKILLS

PLC Programming (Siemens) | Reading/Construction of plans Grafcet. | Matlab/Simulink

### Database Management

MySQL | MongoDB

### Programming Language

C | Python | Html | Css | Javascript(Nodejs, ExpressJs) | Command-line interface | Version Control System (Git)

### Frameworks

React.js | Bootstrap 5

Technical Concepts

Data Stracture | Algorithms | Data Types | Problem Solving Skills. ...

PROJECTS

AirBnB\_clone

This project aims to replicate key features and functionalities of the Airbnb platform.

Link [https://github.com/Nadjib-coder/AirBnB\\_clone](https://github.com/Nadjib-coder/AirBnB_clone)

FiriFy Application

The frontend implementation for the web application "FiriFy" For Wild Fire Management

Link [https://github.com/Nadjib-coder/FiriFy\\_App](https://github.com/Nadjib-coder/FiriFy_App)

Simple Shell

Creation of a simple UNIX command interpreter.

Link [https://github.com/Nadjib-coder/simple\\_shell](https://github.com/Nadjib-coder/simple_shell)

Monty Program

This project involves the creation of a Monty programming language interpreter.

Link <https://github.com/Nadjib-coder/monty>

Advancements and Optimization of Autopilot Systems in Aviation.

Currently involved in integrating NASA satellite wildfire data with autopilot systems for aviation as my master's project

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2			
FRENCH	B2	B1			

PUBLICATIONS

2023  
[Exploring the Complexity of the Traveling Salesman Problem in Computer Science](#)

2024  
[What Happens When You Type https://www.google.com in Your Browser and Press Enter?](#)