

# Mahdi Ben Mansour

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## Education

### Computer science engineering degree

graduation date: July. 2023

National school of engineers Carthage

Relevant Courses: Web Software Design (Javascript, Html , bootstrap , Typescript ,Angular), Maths (Interpolation , Laplacian transforms , optimization and OR , graph theory , Gauss linear systems resolution ) , Data Science (Python), OOP (JAVA), security , parallel computing in software systems (python), algorithms and Data Structures (C++), DBMS , DB design PL/SQL(Oracle) , linux (Lpic 101,102) , embedded ( C ) and cortex M3 arm assembly.

### Pre-engineering degree in Maths-Physics

graduation date: June. 2020

Faculty of science Monastir

Relevant Courses: Advanced Algebra (linear algebra, prehilbertian vector spaces , linear systems ) and Calculus (multi-variable calculus , differential equations , probability) , diverse fields of physics (Interferometers , electromagnetism ,Maxwell equations , electric dipoles, Quantum mechanics... ), Non organic Chemistry , automation and mechanical science

### Baccalaureat in Maths

graduation date: June. 2018

Nouvelle Medina high school

Relevant Courses: elementary mathematics (analytic and classic geometry) , physics (induction , classic mechanics , wave mechanics, elementary electrical circuitry ) , chemistry , French , Arabic , history and English

## Experience

### Infor

Oct. 2023 - Present

#### QA analyst

*Java, Selenium, Javascript, Jenkins, HTML, Jira, Git, GitLab*

- Contributing to Infor's Code Base, A framework built in a mavenized project , to Automate testCases via the orchestration of a Jenkins machine.
- Documentation and reporting of found defects on jira .
- Participation in team meetings ,giving updates , and discussing testcases, features and releases .

### Infor

Mar. 2023 - Jul. 2023

#### QA engineer intern

*Java, Selenium, Javascript, Jenkins, HTML, Jira, Git, GitLab*

- Contributing to Infor's Code Base, A framework built in a mavenized project , to Automate testCases via the orchestration of a Jenkins machine.
- Documentation and reporting of found defects on jira .
- Participation in team meetings ,giving updates , and discussing testcases, features and releases .

### Hippo Shopping

Apr. 2022 - Jun. 2022

#### Python Developer Intern

*Python, Scrapy, Kafka, Django, plotly, HTML, CSS, Jira, Git, GitLab, Jira*

- Design and implementation of data pipelines and a web scraper for products on an industrial scale .
- Implementation of required features on jira .
- Performance of several maintenance and data clean up operations .

### National Center of Informatics, Tunis (CNI)

Mar. 2021 - Jul. 2021

#### System Admin intern

*Angular, Ha load balancer, shell , linux, VMware, HTML, CSS, Postgresql, Springboot*

- Set up and maintenance of Linux virtual machines .
- Set up of a postgres database and use of its replication feature in a slave master architecture .
- Configuration and maintenance of a Load balancer .

## Skills

### Languages:

JAVA , C# , C++ , C , PHP , SQL , PL SQL , PYTHON , SHELL , x86 ASSEMBLY , JAVASCRIPT

### Technologies & Tools:

Selenium , Django, Git, Linux, Docker, CI/CD , Unity, Angular, Spring , VMware .