



**Bocar MANGARA**

Software engineer

Passionate software engineering student with a strong foundation in designing, developing, and optimizing innovative computer solutions. I have acquired a solid knowledge base in software engineering through my university coursework and am eager to apply my skills in a professional setting

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📅 Date of birth  
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👤 Single

## Assets

Passion

Curiosity

Problem-solving

## Languages

French



English



## Interests

Technology watch

personal development

Sport

gaming

## Social networks

🐦 @Bocar-MG

in @bocar-mangara

## Certifications

FreeCodeCamp:  
Foundational C# with  
Microsoft

SkillFront Certified in  
Associate Scrum  
fundamentals,ISO/IEC  
27001 ISA and FBE

Microsoft Technology  
Associate: Python -  
Java - C#

Certificate of  
completion (Udemy) :  
Python Developer - C#  
Developer

## Work experience

### Developer - intern

August 2023 Tek-up Ariana,Tunisia

Development of a web platform for club management

### Student

November 2021

Digital Futur 3 Seminary : Tek-up University/Hochschule Schmalkaden UAS Hammamet, Tunisie

Perspectives on a Modern Era of Togetherness

### Network administrator - intern

From March 2020 to September 2020 University of Nouakchott Nouakchott, Mauritania

Implementation of a captive portal with the Pfsense router/firewall

### Developer - intern

From July 2019 to August 2019 SNIM Nouadhibou, Mauritania

Development of a desktop application for the management of Extinguishers IT Department

## Education

### 3rd Year Engineering Cycle in Software Engineering and IS

Since September 2023 Tek-up Univesity Ariana, Tunisia

### Bachelor's degree in Miage (computer methods applied to business management)

From October 2017 to February 2021 University of Nouakchott Nouakchott, Mauritania

## Projects

Sentiment Analysis(spacy(NLP),scikit-learn

University Club management web application: Asp.net core 6(C#), SignalR - MailKit(2023)

Employee recommendation web platform: Django(Python), spacy(NLP)(2023)

Pizzeria web application: Asp.net core 6(C#)(2023)

Cinema management web application: Symfony(php)(2023)

Web and desktop application for managing a medical practice: JavaFx (Java), php, (2022)

Setting up an FTP server (file exchange) under ubuntu

Extinguisher management software (Internship - 2019): Qt frameworks(C++)

## Skills

### Conception

Designs patterns

### Programming languages

Python - C# - Java - C/C++

### Frameworks

Django - FastAPI - Rest Framework - ASP.NET CORE - .Net Core - Blazor - Angular - Qt - .NET MAUI

### Libraries

JavaFX - Bootstrap - Spacy(NLP) - SignalR - MailKit - ML - scikit-learn

### Tools

Jetbrains IDEs - GitHub - Azure

Database: Mysql - SqlLite - SqlServer - MongoDB