

Ami Samyra Ouedraogo

Data science engineering student



Personal details

Name

Ami Samyra Ouedraogo

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Address

Martin-luther-Ring 38
98574 Schmalkalden

Date of birth

June 2nd, 1999

Place of birth

Bobo Dioulasso, Burkina Faso

Nationality

Burkinabè

Civil status

Single

LinkedIn

linkedin.com/in/ouedraogo-ami-samyra

Education

Exchange semester

Oct 2021 - Present

Hochschule Schmalkalden, Schmalkalden

Computer Science Engineering

Sep 2017 - Sep 2021

(Data science speciality)

Private Higher School of Computer Engineering, Tunis

Professional experiences

Trainee

Sep 2021 - Dec 2021

Maxim Nyanssa, Accra

Implementation of a crowdfunding platform to support youth projects

- interface design with vue-bootstrap and vue-js
- tools : Vuejs, JavaScript, Nodejs

Trainee

Jul 2019 - Aug 2019

Simac, Tunis

Missions: Management messaging system of the company's website

- Analysis of the current sites of the company, especially the messaging section with graphics
- Creation of graphs to follow the company's messaging with chartjs
- Tools: html/css/JavaScript

Trainee

Jul 2019 - Aug 2019

Glia, Tunis

stethoscope design

- My main mission during this internship was to work on the printing of reliable microscope according to medical regulations
- Architecture of the 3D printers through workshops of assembling printers from scratch
- program with the team a series of printings while paying attention to the metrics and the time limit
- brainstorming at each meeting to bring new touches

Tools: Prusa 3D printer, PRUSA Slicer

Skills

| | |
|--|--|
| Programming language (Java, Python, R, C/C++ , VueJs , PHP, HTML/CSS) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Framework (Symfony,Django,Spring Boot,Quasar) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Database (MySQL, Oracle, MongoDB) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Big Data (hadoop,Map Reduce,Hive avec Cloudera Distribution for Hadoop) | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Machine Learning | <div><div></div><div></div><div></div><div></div><div></div></div> |
| DeepLearning (tensorflow, keras ,pytorch) | <div><div></div><div></div><div></div><div></div><div></div></div> |

Languages

| | |
|---------|--|
| French | <div><div></div><div></div><div></div><div></div><div></div></div> |
| English | <div><div></div><div></div><div></div><div></div><div></div></div> |
| German | <div><div></div><div></div><div></div><div></div><div></div></div> |

Hobbies

- ☒ Reading
- ☒ Basket ball
- ☒ Research

Academics Projects

Classification of patient care with the help of Deeplearning

Schmalkalden University, Thüringen

- My mission was to use neural networks on patient information to know if the doctor needs to keep the patient in the hospital or if the patient can go home
- Understand the importance of the blood test
- List the different diseases that a deficiency of one of the elements could pose
- Make a selection of the most important features
- Create a neural network model to classify the patient in relation to these different cases

Application of financial statement recognition and credit modeling

Esprit, Tunis

- My mission was to extract the financial statements of Tunisian companies using webscraping on the national website of the Stock Exchange
- store these PDF on MongoDB, do text mining, extract relevant information on the finances of companies
- The data is not labeled, by a study of the business of finance through an evaluation of ratios we have created a dataset labeled
- The deployment of the final solution was done with the Django Framework
- tools: OCR, Python, Django, MongoDB, Scrapy

Mobile and Web application design for a non-profit organization

Esprit, Tunis

- My mission was to create all the interfaces relative to the users
- allow the user to add donations
- display donations on a map using the google Map Api
- tools: Symfony ,javaSE ,codenameOne

Certificates

PL-300: Microsoft Power BI Data Analyst

Present

DeepLearning Specialisation

Coursera

Present

Basic Image classification with Tensorflow

Coursera

Nov 2021