DAMA Soumana

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Birth-date	▪ 04/01/2001

EDUCATION

10/2022- 31/07/2025	**Burkina Institute of Technology, Koudougou, Burkina Faso** ▪ B.Sc. in computer science ▪ Specialization: Programing and Entrepreneurship ▪ First year : Grade: 14,56/20, ▪ Second year : Grade:15.19/20 ▪ Third year Bachelor's thesis defense : Grade 19/20 Excellent distinction
10/2019- 06/2022	**Lycée Privé Espoir du Faso, Ouagadougou, Burkina Faso** ▪ Baccalaureate D ▪ Grade : 13,08/20 ▪ Specialization: Mathematical, Natural Science and Chimical Physics

BUSINESS EXPERIENCE

08/2023 – 10/2023	**Yaangre Tech; Internship, Ouagadougou, Burkina Faso** ▪ Developed a mobile app for local data transferring ▪ Learned Python language, GitHub, and MySQL ▪ Helped the team to develop a community management web app for Yaangre Tech
08/2024 – 10/2024	**Yaangre Tech; Internship, Ouagadougou, Burkina Faso** ▪ Develop a mobile application in flutter for learning irregular verbs in english ▪ Currently Front end developer in the Hill project(React,js, tailwind css,) ▪ Developed Admin Front end in Silmas sas web site(React.js, tailwind css, Node,js) ▪ Trained at the Frontier Tech Leaders (FTL) Program focuses on leveraging digital technologies such as Artificial Intelligence (AI), Machine Learning (ML), and Data Science ▪ Developed a deep learning model for segmentation of medical images of cervical cancer lesions of FTL program in team
08/2024 – 06/2025	▪ **Post in Community Communication and Administration Support UNDP ICPSD from Frontier Tech Leaders Programme** ▪ Developed a sentiment analysis model

- Developed in team EpiAccess – Enhancing COVID-19 Health Outcomes Through Data-Driven Interventions Capstone project for Grow with Google MMC program

- Developed the backend of Bimades web app including a chatbot
- Developed the Burkinabe Football Federation website as a team using WordPress.

- Developed an Intelligent Mobile Application for the Automated Detection of Onion Diseases Using Computer Vision and the yolov10x model: Case of Burkina Faso for the Bachelor's thesis project

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ADDITIONAL INFORMATIONS

Certificats

- From Zero to Hero-Digital Product Development from Scratch of Technical University of Munich
- Google Data Analytics Professional Certificate
- UN Volunteers in Community Communication and Administration Support certificat
- Generative AI overwiew for project managers of Project Managment Institute
- Hands-on training on developing artificial intelligence by Microsoft and Zindi community on Responsible AI Dashboard and Azure Content Security for Azure Open AI.
- Online Security Specialist - Internet Society Burkina Faso Chapter
- Introduction to artificial intelligence offered by Institute De Montaigne
- 10000 Coders Digital Passport Certificate
- Introduction: to Responsible AI, to LLM, to Generative AI of Google Cloud
- Training on how to present your project in a persuasive way
- Certification acquired in digital marketing with artificial intelligence and on how to use AI to succeed in your online business effectively
- Canva design certificat
- Training in associative leadership and holding effective meetings
- Training on how to present your project in a persuasive way

Skills & qualifications	- Python (framework Django ,Library (Pandas, NumPy, Matplotlib/Seaborn,sklearn,)) - AI model development(Data labeling(Roboflows), Ultralystic, OpenCV,python, R, TensorFlowLite ,Pytoch, Weight&Biase, Tableau, Streamlite) - API development(Fastapi, Flask, RESTful API , Swagger) - web & Mobile development (React.js, tailwind css , TypeScript Node.js Javascript, Angular,Flutter),Database(Postgresql, sqLite,MySql, Mongodb), Microsoft Office tools (Word, Excel, PowerPoint, MS Project) programing │ Django │ Laravel │ VBA │ Cover Letter and CV writting │ Leadership │ Project presentation │ Digital Marketing │ AI │ Graphics (Canvas, Figma) ,entrepreneurship project plan
Extra-curricular activities	- JCI (member) │ AEEMB (member) │ Communauté LinkInd Tour BF (member) │ Communauty Zindi of BF, GeoAI Africa's, Burkina Canva community leading (member) │ Trader (Electronic devices) │ United People Global (member) │ Social media manager │ Trainer │ Ambassador 10000 codeurs Burkina Faso │ BIT Technology club │ Student Forum launched by JCI Koudougou as a member of the organizing committee │ BIT News club │ President of the organizing committee of the International Forum on Digital Professions in Ouagadougou
Languages	- French (advance) │ English(intermediate) │ Dafing(native) │ Dioula
Personal interests	- Leadership │Technology │ Reading │ Football │ News │

Koudougou, the 03rd of July 2025