



ISAAC NDEMA

Master's Degree, Computer Engineering

@ bekolleisaac@gmail.com

+237 694 255 463

Yaounde, Cameroon

linkedin.com/in/isaac-ndema

github.com/script-0

SKILLS

Programming Languages: **Java 8 & 11, HTML-CSS, Javascript, Python, PHP, C, C++**

Web Frameworks: **Spring Boot, Angular, ReactJS, Django, Django Rest, Flask, JavaEE**

Database: **MySQL, Postgres, MongoDB, Cassandra**

Version Management: **Git, Git-Lab, GitHub**

Machine Learning: **Keras, Scikit-Learn, TensorFlow**

Test Tool: **JUnit, Jenny**

ABOUT ME

Data Science enthusiast, passionate about AI with strong adaptability and teamwork

EXPERIENCE

Software Developer and Tester (Freelance) | **GOHZE**

09/2020 – Present

Yaounde, Cameroon

Achievements/Tasks

- Team management
- Make tests on an Java 11 Application with JUnit
- Test and fix bugs on an ERP Solution

Contact : +237 697 090 659 / 682 536 922 - contact@upgradegroup.org

Software Analyst and Designer (Internship) | **JAS Sarl**

07/2020 – 09/2020

Yaounde, Cameroon

Achievements/Tasks

- Project Planning
- Design microservices based solution in the medical field with Spring Boot
- Deploy a microservice

Contact : +237 222 344 713

ACHIEVEMENT



3rd, Machine Learning Project Competition at EN-SPY

Web application based AI assistant useful for cancerologists to determine whether patients suffering or likely to suffer from breast cancer.



2nd, Fraud Detection in Electricity and Gas Consumption challenge by We-dOO.ai community

Detect fraudulent customers from their consumption history with Machine Learning

LANGUAGES

French: **Native**

English: **B2**

PROJECTS

Breast Cancer AI Assistant |



04/2021 – Present

EDUCATION

Computer Engineering | **Ecole Nationale Supérieure Polytechnique Yaounde**

09/2019 – Present

Yaounde, Cameroon

Relevant Courses : Software Engineering, Web Programming, OOP Java, Numerical Analysis, Data Structures and Algorithms, Data Analysis, Multi-agent System, Information Theory

Preparatory Classes | **Ecole Nationale Supérieure Polytechnique Yaounde**

09/2017 – 06/2019

Yaounde, Cameroon

Relevant Courses : Probability and Statistics, Advanced Calculus, Linear/Multilinear Algebra, C Programming, Introduction to OOP Programming, Java EE

CERTIFICATIONS

Machine Learning | **Stanford University**

05/2021 – Present

- Web application (written in Flask) based AI assistant useful for cancerologists to determine whether patients suffering or likely to suffer from breast cancer.

XVote |

 11/2020 – 01/2021

- Online voting management system for CESA Online Platform (Cercle des Etudiant Sawa de l'Ecole Nationale Supérieure Polytechnique de Yaounde)

eShop (academic) |

 09/2019 – 06/2020


- Java 8 Supermarket management Application built in the frame of Object Oriented Programming Introduction Course

HOBBIES

- Draughts game
- Musics
- Movies

- **What did we learn?**
 - Logistic Regression
 - Artificial Neural Network
 - Machine Learning (ML) Algorithms
- Certificate : <https://coursera.org/share/b03eb85729deb13f60b4ad8dbe655601>

IBM Data Analyst Professional Certificate | IBM

 01/2021 – Present

- **What did we learn? :**
 - Describe data ecosystem and Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks
 - Develop working knowledge of Python language for analyzing data using Python libraries like Pandas and Numpy, and invoke APIs and Web Services
 - Create various charts and plots in Excel work with IBM Cognos Analytics to build dashboards
- IBM Badge
- Certificate : <https://coursera.org/share/83daaa0f420cc3b527e9d9fc63b8fb1f>

Applied Cryptography Specialization | University of Colorado

 11/2020 – Present

- **What did we learn?**
 - Symmetric and Asymmetric Cryptography
 - Key Management
 - Integrity Protection
 - Entropy
- Certificate : <https://coursera.org/share/081f5abc792ed0f5eb7e9597bc3f944b>

ORGANIZATIONS

Google Developer Student Club University of Yaounde 1

 05/2021 – Present

It is a group of students who want to spread their knowledge to all students, supported by the Google Developer Student program.

Recent Activities :

- Découvrez Materialize CSS (Speaker Session / Tech Talk)
- React JS - Study Jam (Hands-on Workshop - In person)

Coursera Professional Certificate Alumni Community

 01/2021 – Present

As its name suggests, it is the community of Coursera Professional Certificate Alumni.
