Cédric Pascal-Emmanuel MANOUAN

⚲ Location : Dakar, SENEGAL
⚰ Date of birth : 15th February 1999 (21 years old)

✉ Email : manouancedric@gmail.com
▯ Mobile : (+221) 78-596-89-83
☏ Whatsapp : (+225) 41-59-06-67
👥 Github : dric2018
in Linkedin : Cédric P-E MANOUAN

Education 🎓

Ecole Supérieure Africaine des TIC (ESATIC)	Abidjan, Côte d'Ivoire
Bachelor of Computer Science : Systems, Computer Networks and telecommunications	*Oct. 2016 – Sep. 2019*

Major subjects: *Applied mathematics, statistics, linear algebra, programming languages, data structures, operation research, operating systems, Object Oriented Programming, databases modeling, web development, electronics.*

Lycée Municipal Simone Ehivet GBAGBO	Abidjan, Côte d'Ivoire
Scientific baccalaureate	*Sep. 2009 – July 2016*

Experience 💼

Data science pratitionner / Community ambassador | *Zindi africa* (April 2019 – Present)
- Participating in competitions and hackathons on the platform (username : **I_am_Zeus_AI**), Top 100 among zindi data scientists
- Co-lead of the platform development group (updates and new features)
- Zindi ambassador from Côte d'Ivoire

End of cycle internship : Web/IoT/Machine Learning Developer — April 2019 – June 2019
Digital Solutions Project for the opening up of Rural Areas and E-Agriculture (PSNDEA) — *Abidjan, Côte d'Ivoire*
- Built an Internet of Things (IoT) system for data acquisition in a cassava field
- Developed a REST CRUD API based on NodeJs and MySQL to store data from both sensors and farmers inputs
- Developed a regression model to predict the yield of a given cassava field based on real-time and stored data
- Deployed the machine leaning model to an edge device (Raspbery Pi 3) using tensorflowJS

Projects 🖥

Zindi Competitions | *Data science, Machine/Deep learning* — April 2019 – Present
- Classify audio utterances in Luganda and English from Uganda (**7th/255** : Team wakanda on the leaderboard)
- Predicted whether a person in an image is wearing a face mask (**3rd/160** : Team TheCIA on the leadernoard)
- Built an AI system to classify Tuberculosis and Normal X-Ray images for eucational purpose
(**7th/104** : Team DataLabCI on the leaderboard)

ESATIC internal project | *Python, Django, Materialize CSS, PostgreSQL* — (Nov. 2018 – Feb. 2019)
- Developed a CRUD API aimed to help health workers and NGO managing fast screening tests

1st prize ESATIC Hackathon Level 2 (48h) | *Python, Tensorflow, Deep learning, object detection* — (May 2018)
- Contributed to the development of a deep learning model to recognize west African bank notes and coins

1st prize ESATIC Hackathon Level 1 (24h) | *C++, Cryptography* — (May 2017)
- Contributed to research and writing in C++ the encryption algorithm behind an executable program

Technical Skills 🐧 ⊞ 🍎 📑 ☰

Languages: Python, JavaScript, C/C++, SQL (Postgres), HTML/CSS, R, Latex
Frameworks/Librairies: Pytorch, libtorch, Tensorflow, Keras, Scikit-learn, Nodejs, Material-UI, Pandas, NumPy, Matplotlib, Seaborn, Open-cv, Xgboost, Catboost, Lightgbm, Transformers
Developer Tools: Git, Docker, Amazon EC2, VS Code, Jupyter notebooks, Google Collaboratory

Interests, other skills and qualities ★

👥 Social: Knowledge sharing, motivation, mentoring, community building (Data Science Côte d'Ivoire)
📕 Academic: Artificial Intelligence research, reading scientific papers, teaching, deep learning
⚽ Sports: Basketball, football
Qualities: good team spirit, passionate, hard worker