FOZAME ENDEZOUMOU Armand Bryan

Looking for an internship in AI and Data Science

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EDUCATION

aivancity Paris-Cachan la Grande Ecole de l'intelligence artificielle et de la data Sept 2023 - Present
Master degree AI and Datascience

L'École supérieure privée d'ingénierie et de technologie (ESPRIT) Sept 2019 - Sept 2023
Engineer diploma in Computer Science

COURSEWORK

Relevant Courses: Object-Oriented Programming, Data Structures & Algorithms, Embedded Systems, Engineer's Math, Basic Math, Mathematics for Deeplearning, Calculus, Signal Processing, Probability & Statistics, Machine Learning, Deeplearning

HONORS AND AWARDS

- Best project in the field of AI at ESPRIT

- 2nd project respecting the SGDs of the United Nations (ONU)

- Participation at MASSAI

- Silver Medal in the hackathon of the International Telecommunication Union (ITU)

EXPERIENCE

Ministry of posts and telecommunication | *Data science intern*   Aug. 2023 – October 2023
Analyze and make interpretations on domestic 4G data. Make a time forecast to estimate the amount of internet consumed in the following months.

Logone Company, Tunis, TN | *Development intern*   July 2022 – August 2022
Developed a website for a farm with symfony 5

SKILLS

Programming: Python , C, C++, MATLAB, OpenCV, Pytorch, Tensorflow, JAX
Tools: Linux OS, Git/GitHub, VS Code, Anaconda, Docker, MongoDB, Spark

PROJECTS

Segmentation of microorganisms from an image | Jan. 2024 – Feb. 2024
- Image annotation with Roboflow and data augmentation.
- Use of the YOLO v8 model to carry out semantic segmentation of microorganisms.

Modeling energy consumption in 5G - International Union Telecommunication| Sept. 2023
- Team project for the ITU Sept 2023 Hackathon, earned silver medal.
- Developed a machine learning-based solution capable of estimating the energy consumption of different base stations, taking into account engineering configurations, traffic conditions and saving methods energy, while ensuring efficient generalization to new products and base station configurations.

Analysis on route information failure in IP core networks by NFV-based test | Jan 2023 – June 2023
- Academic Team project, earned gold medal and the best project of the school.
- Developed a recurrent neural network model (LSTM) to capture temporal sequences in order to predict the states of a network 10 min in advance.
- Anomaly detection performing by isolationforest and autoencoders.
- Academic Team project, earned gold medal and the best project of the school.