Eliane Delwende Birba

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Courses

Scalable Machine Learning and Deep Learning, Machine Learning and Computer vision, Probability and Statistics, Graph and Algorithm, Data mining, Data Intensive computing, Research Methodology

Skills

General:Python, C/C++ ,R, Java, scala, Graphlab, Spring
Machine Learning : TensorFlow, Sklearn, NumPy, SciPy, Pytorch, Theano, Pycharm, Pandas, Keras
Big data tools: Spark, Hadoop, HBase, Cassandra

References

Prof. Henrik Bostrom, Master thesis examinor: bostromh@kth.se
Prof. Erik Fransen, supervisor: erikf@csc.kth.se
Prof. Jerome Golebiowski, supervisor: jerome.golebiowski@unice.fr

Languages

French
Moore
English
Mandarin

Education

2018-2020	**MS in Data Science and Entrepreneurship** -KTH Royal Institute of Technology|Sweden
2017-2019	**Master1 in Data Science** -University Nice Sophia Antipolis|France
2012-2017	**BS Computer science and Information Engineering** National Chiao Tung University | Taiwan | GPA: 3.21/4
2008-2011	**Lycee Bogodogo de Ouagadougou-Major in Math, Physics |Burkina Faso** Preparatory program leading to the nationwide entrance exams to university|Rank: Top 3

Relevant Experience

Since Sep'19 -	**Software engineer at Kindred group** 6 Months Python, Java, Spring Boot, MicroServices, Jenkins, Docker, Kubernetes
Feb-Jul'19	**Machine Learning Research Engineer intern at the Institute of Chemistry of Nice France** 6 Months -Implemented machine learning model for odor molecules psychophysiology effects prediction such as heartbeat rate - Conducted a comparative study of data splitting algorithms for machine learning model selection.
Jun-Jul'18	**Intern, Research Engineer-I3S Lab (UNICE) | France.** 1 month Based on noisy channel approach, I implemented a character level sequence to sequence learning with bi- Long Short-Term Memory Recurrent Neural Networks (LSTM RNNs) and Natural language processing to detect and correct misspellings in english and french clinical notes with 95% accuracy.
Sep'17 -Dec'19	**Chief Customer Experience Officer at Yanfoma digital technology**

Conference and workshops

2019	**Poster for WiML workshop co-located at NIPS 2019** Machine learning for odor molecules psychophysiological effect prediction
2019	**Poster for Learning Meaningful Representation of Life,NeurIPS 2019 Workshop** ML for odor molecules psychophysiological effect prediction
2015-2016	**Speaker at Africa innovation forum in Taiwan**

Honors and Awards

- **First girl in Mathematics, Physics** at Burkina Faso National Olympiad 2011
- Taiwan MOFA Scholarship 2012-2017
- EIT Digital Scholarship 2017-2019
- Travel grant for NIPS conference

Certificats

- **AI for Medicine Specialization** deeplearning.ai given by prof Andrew Ng of Standford University
- **Machine learning in Finance** EIT DIGITAL summer school 2018 Budapest
- **Neural Networks and Deep Learning** deeplearning.ai given by prof Andrew Ng of Standford University