

Eliane Delwende Birba

tel:+46738463212

birbadelwende@gmail.com

delianeb1@gmail.com

Abstract accepted for WiML workshop
co-located with NIPS 2019



Experience

09/2019-
03/2020

Software engineer intern

I have recently started an internship with the payment platform team at KIndred group in Stockholm

02/2019-
07/2019

Machine Learning Research Engineer at Institute of Chemistry of Nice France

- Revisited dream olfaction challenge on molecules odor prediction with a new rational algorithm for the training and test set splitting.
- Implemented machine learning models for odor molecules psychophysiology effects prediction such as heartbeat rate, temperature, skin conductance, respiration rate.

06/2018-
07/2018

Intern, Research Engineer – I3S Lab (UNICE)

Implemented a bi-LSTM model Which can detect and correct the misspellings in english and french clinical notes with 95% of accuracy. Python, TensorFlow, Keras, etc.

2017 - 2019

Chief Customer Officer-Yanfoma digital technology

I am in charge of customer management



Education

2017 - 2019

EIT Digital joint program - MS in Data Science and Entrepreneurship

KTH Royal Institute of Technology/Sweden
University Nice Sophia Antipolis/France

2013 - 2017

National Chiao Tung University/Taiwan –BS Computer science and Information Engineering (GPA: 3.21/4)

2008-2011

Lycée Bogodogo de Ouagadougou - Major in Math, Physics (Top 3)

Preparatory program leading to the nationwide entrance exams to university



Certificats and Projects

11/2018

Neural Networks and Deep Learning

deeplearning.ai given by prof Andrew Ng of Stanford University

july 2018

Machine learning in Finance

EIT DIGITAL summer school 2018 Budapest

Machine learning and computer vision project:

OpenCV and with CNN to track the hand and recognize the sign language made by the user through camera.



Skills

General:

Python, C/C++ ,R, Java, scala,
Graphlab, php , HTML,CSS

Machine Learning :

TensorFlow, Sklearn, NumPy,
SciPy, Pytorch, Theano, Pycharm
Pandas, Keras, Django



Award

- **First girl** at Burkina Faso National Olympiad in Mathematics. 2011
- **First girl** at Burkina Faso National Olympiad in Physics. 2011
- Taiwan MOFA Scholarship 2012-2017
- * EIT Digital Scholarship 2017-2019



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



Languages

French, Moore

English, Mandarin

Contact

<https://www.linkedin.com/in/birba-eliane-8919a389/>

<https://github.com/delwende/>