

Stéphane D. Belemkoabga

RESEARCH ENGINEER INTERN @ DASSAULT SYSTEMS

25 Avenue des Alliés Palaiseau

✉ david-stephane.belemkoabga@polytechnique.edu | 📱 steph1793 | 📧 steph1793 | steph1793.github.io/stephane/en.html

Education

Ecole Polytechnique

MSc IN APPLIED MATHEMATICS, DATA SCIENCE

Palaiseau, France

2019 - 2020

Ecole Supérieure d'Ingénieurs Léonard de Vinci

ENGINEERING DEGREE IN COMPUTER SCIENCE

Paris-La-Défense, France

2015 - 2020

- Major or 2nd of class throughout the 4 first years, GPA : 3.8/4.0

Publications & Achievements

EGC'2020 Conference - Textmine'2020

"GÉNÉRATION DE RÉSUMÉS ABSTRACTIFS DE COMMENTAIRES SPORTIFS", A. BOSSARD, S. D. BELEMKOABGA, A. ESSA,

V. NYZAM, C. RODRIGUES, K. SYLLA

Brussels, Belgium

Feb. 2020

- Research project led with 'L'Equipe', a french sports newspaper. Machine Learning for Soccer Commentary Stream Summarization.

COLING'2020 Conference (Paper Submitted, Awaiting Response)

"CAMEMBERTABS : ABSTRACTIVE SUMMARIZATION IN FRENCH", S. D. BELEMKOABGA, K. SYLLA, A. ESSA

- Proposal of a Deep Learning Architecture for the Automatic Summarization in French.

Barcelona, Spain

Oct. 2020

Defi-H Challenge - First prize Winner

PROJECT LEADER - PROJECT DEVELOPER

France

Sept. 2017 - Juin 2018

- Computer Vision tool prototyping adapted for visually impaired persons.

Experience

Dassault Systemes

R&D ENGINEER INTERN

Vélizy-Villacoublay, France

Apr. 2020 - Oct. 2020

- Computer aided-design product : Deep Learning prototype for the automatic animations of 3D designed objects.
- **Tasks** : Bibliographic Review, Innovative proposals, Implementation of a solution, Live Demo
- **Keywords**: Optimization for Data Science, Machine Learning, Deep Neural Networks, 3D Computer Vision

Société Générale Corporate & Investment Banking (SGCIB)

DATA SCIENTIST INTERN

Paris-La-Défense, France

Apr. 2019 - Aug. 2019

- Automatic Analysis Tool prototyping for the quality evaluation of Financial Market Data, used for risk estimation, products pricing.
- I have convinced of the usefulness of such a product, SGCIB decided to pursue the project.
- **Keywords** : Statistics, Probability, Machine Learning, Market Finance, Financial Mathematics

Devinci Research Center (DVRC)

RESEARCH ASSISTANT

Paris-La-Défense, France

Sept. 2018 - Apr. 2020

- Immersed in the research team of my school, I contributed to the reflection on the theme of automatic summarization.
- **Main avenues** : Natural Language Processing, Machine Learning

Advenis Investment & Management

ASSISTANT PORTFOLIO MANAGER

Paris, France

Jul. 2018

- Technical and Fundamental financial analysis of listed companies. The studies were regularly presented to a team of traders.

HighCo Box

SOFTWARE ENGINEER INTERN

Paris, France

Jun. 2017 - Sept. 2017

- Implementation of plugins to automate some tasks for the collaborators; Implementation of a file exchange application between some partners and HighCo Box. **Programming Languages** : C#, Ruby on Rails

Skills

Programming Python · C/C++ · C# · JAVA · SQL/NoSQL · Ruby on Rails · Pytorch · Tensorflow/Keras · Scikit-Learn

Data Science Mathematical Optimization · Statistical Learning · Deep Learning · NLP / Computer Vision

Languages French (mother tongue) · English (TOEFL: 600)

Soft Skills Teamwork · Problem-Solving · Self Management

Current Interest : Writing

WRITING ABOUT DATA SCIENCE

- I have recently started writing in my part times about Statistical & Deep Learning, about papers or books I enjoy reading.