



Ahmed BESBES

Senior Data Scientist
Software engineer

CONTACT

📞 0623515536

📍 242 Rue de la convention
75015 – Paris

✉ Ahmed.besbes@hotmail.com

🌐 <https://www.linkedin.com/in/ahmed-besbes-99a91661/>

EDUCATION

Master of Science in machine learning and computer science

Telecom ParisTech
2012 – 2016

Master of Science in digital business

HEC Paris
2015 – 2016

LANGUAGES

- ✓ English: Fluent
- ✓ French: Native
- ✓ Arabic: Native

SKILLS

- Python (PyTorch, Keras, Tensorflow)
- Deep learning
- Natural Language Processing
- Computer Vision
- Open-source
- AWS
- Git
- Docker

Professional Summary

Data scientist with 3+ years of experience in multiple industries (banking, aerospace, public sector).

Hands-on, passionate about neat design and automation, I enjoy prototyping and building AI applications that deliver value.

With technical background in software engineering and machine learning, I'm also a lifelong learner who is always open to new challenges.

You can view my open-source work on:

My blog: <https://ahmedbesbes.com>

My Github account: <https://github.com/ahmedbesbes>

My YouTube channel: <https://bit.ly/2Mcgk1S>

Employment history

Capgemini Invent | Senior Data Scientist

Oct. 2016 - Present

Worked on different clients' projects in multiple sectors:

- Built supervised and unsupervised fraud detection models for two major french banking institutions
- Designed a market research and segmentation tool for a major french facility management company
- Developed a social media monitoring application using natural language processing pipelines and a visualization stack for a french aerospace leader to track online union communications and prevent strikes

Led and developed multiple internal Capgemini tools and applications used to pitch clients:

- A computer vision web application to monitor airport internal activities using YOLO v3.
- A search engine to mine and extract Grand Débat topics (presented to various ministries and to the Elysée palace) using novel neural methods for topic mining that rely on transformers (Universal Sentence Encoder)
- A brain MRI model to detect hemorrhages using PyTorch

Engaged in the data science community:

- Designed internal trainings in computer vision, natural language processing and deep learning
- Participated to X-HEC teaching sessions by helping students get a grasp of state-of-the-art techniques in NLP

Chap.co | Junior Data Scientist

Sept. 2015 - Feb. 2016

The goal of Charp.co was to automatically generate valuable leads and prospects for tech clients such as Google and Salesforce.

Main duties include building a lead scoring model by:

- Large-scale data scraping from multiple sources
- Ensuring a rigorous quality control process of the data
- Enriching with internal and external metadata
- Building and evaluating predictive models

Orange Labs | Software Engineer Intern

Mar. 2015 - Aug. 2015

Building an interactive Kibana dashboard to analyze real-time Dailymotion streaming data

Amadeus I.T Group | Software Engineer Intern

Sept. 2014 - Feb. 2015

Building an anomaly detection application to help travel agents track and block suspicious activities