

MATTHIEU STOLL

STATISTICIAN & DATA
MANAGER



Strasbourg (France)

29 years old

MY STUDY

- Two-year cycle preparing for the entrance examinations of *Grande Écoles* (main subjects : Mathematics and Physics), Strasbourg, FRANCE (2011)
- Master's degree of Fundamental Mathematics, Strasbourg, FRANCE (2015)
- Master's degree of Mathematics Education, Marseille, France (2017)
- Master's degree of Statistics, Strasbourg, FRANCE (2020)

MY CAREER

- Worked as Math teacher in secondary education (2016-2018), then resumed my studies in Strasbourg's University
- During the first year of my Master's degree of Statistics (2018), I applied for a three-month traineeship at Emosis, but eventually made it at Lilly's pharmaceutical production site in Fegersheim, FRANCE
- Joined Emosis for a Six-month statistician traineeship from January to July 2020
- After graduation, I was subsequently hired by Emosis as Statistician and DATA

EMOSIS & I

« I applied at Emosis because I wanted to work in **Healthcare** »

« I did not know about Emosis before applying. Statistics apply to a wide range of applications, so I first decided which one best suited me. Saving human lives provides motivation on a daily basis. In addition, Emosis has a very modern vision of the role of statistics in biological research.

« More specifically, a multi-level involvement :

- Experimental plan for research and development,
- Data analysis for the development and monitoring of customer performance,
- Drafting of protocols for the statistical analysis of clinical studies,
- Design of statistical models for diagnosis,
- Informativeness of cytometry data,
- Drafting of procedures for statistical analysis, quality control, process control, ...

One of Emosis ambitions – which I fully support – is the development of augmented diagnosis. Artificial intelligence would increase the quality of the doctor's decision by offering diagnoses supplemented by adapted visualization allowing the doctor to question his own approach.

My added value for Emosis is twofold :

- Ad hoc, for statistical analysis as part of research, development, or post-market monitoring,
- Continuous, for longer tasks such as procedure drafting, clinical studies, AI techniques development and statistical culture spreading (*within Emosis*)

The wide variety of requested tasks (*duration, involved groups,...*) and the peculiarity of some of them (*e. g. statistical culture spreading*) explain, in my opinion, that Emosis prefers hiring a statistician rather than calling upon service providers. It is also what makes the richness of my job.

The vision of statistics is modern and still not widespread : it is only observed in a few companies, whether it is large or small. »

« Emosis has a very modern vision of the implication of statistics in biological research. Its ambition – which I fully support – is the development of augmented diagnostics. Artificial intelligence would increase the quality of the doctor's decision by offering diagnoses supplemented by adapted visualization allowing the doctor to question his own approach. »
