

INTERNSHIP SUMMARY :

My internship abroad in Finland is now coming to an end and here is a summary of it:

When I arrived, for the first two weeks, I had to train myself to use the Python language (which was made easier by the fact that each programming language is similar), as well as a very important library that I will use throughout this internship: NLTK. This library lays the foundations of the machine learning, and will make it possible to exploit data in order to produce useful results, statistics, as well as a complete decoding. It was therefore necessary to rely on multiple tutorials on the Internet in order to master the basics of this addition. Then Mr. Oussalah gave me the first steps of my project to do: To be able to retrieve, store, and analyze data from Twitter, therefore tweets, on a well defined topic: the Finnish elections. So before I started a first draft of my work, I learned how to use the Tweepy library, which links Twitter and Python, so that I could later extract the data. Then, as I said earlier, I was able to create a first program that allowed me to collect some tweets in a pretend database. Of course, it was not the final version because it was not performing well, and contained a lot of problems that I quote in my report. Little by little, and with the help of the Internet, I was able to find solutions to each problem I encountered, so that I could move forward and improve, which would be my final version at the end of the internship. This internship allowed me to develop both intense knowledge in Python and machine learning, which I find very interesting because it allows me to provide convincing results for future analyses. But this internship also allowed me to improve my level of English even further, which is very important for the rest of my studies, and for the future beginning of my professional life. I would therefore like to thank Mrs Gueudet, Mr Polet, and Mr Oussalah, as well as the universities of Valenciennes and Oulu, who enabled me to carry out this unique internship in Finland.