

Dear Madam, Sir,

I hereby confirm that Thibault Narayana has completed a project at Sia Partners under an agreement with the Ecole des Mines de Saint Etienne from October 1 to February 3. During this period, he fulfilled the following missions:

- Acquisition of knowledge in Natural Language Processing and more particularly in topic modeling
- Study and implementation of metrics to judge the quality of unsupervised topic modeling
- Participation in the development of a package integrating the identified metrics, visualizations and the previously provided model algorithms

Within our company, Thibault has acquired strong project management skills, such as regular and complete sharing of the project progress. He performed his duties with Shaokun Xie. His work was later integrated into a larger project within Sia Partners' NLP work. Thibault was a driving force for this project, especially for his autonomy, his good understanding of the business issues and his team spirit.

I am at your disposal for any further information concerning Thibault,

Sincerely,

Julien Faivre  
*Consultant Data Science*  
*Sia Partners*  
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