

Dear Sir or Madam,

Please find here my cover letter for a one-year full-time position as a Systems Engineer at the Data Science Institute.

I'm applying in response to the position advertised on your website (code **ENG01021**).

Recently graduated from the Ecole Centrale de Nantes, I have a master's degree in Engineering with a specialization in Computer Science and Applied Mathematics. For the last 8 months, I worked at the Data Science Institute as a UROP student. During this internship, I conducted my project under the supervision of the Visualisation Team and Mr Florian Guitton. I had the opportunity to use the Data Observatory of the Development Room and the Global Data Observatory to test my software. Thanks to this experience, I saw the added value these facilities can have for researchers and companies. Therefore, I would be glad to help maintain and improve these services. On the other hand, on the same project, I configured a web server to exchange data between the gaze estimation software and the Data Observatory. It was my first real experience on creating and manipulating a server and I would like to keep working on similar topics to acquire more experience.

As a result of my stay at the Data Science Institute, I already know and have already worked with the Visualisation Team and Mr Florian Guitton. Therefore, I dare say that my integration to the existing team would happen smoothly.

I also had some time to study and take some interest in the Global Data Observatory. Thus, If I had to operate maintenance tasks on it or on the Visual Corridor, I would be able to promptly identify the cause of failure. I could become autonomous after a short amount of time on hardware issues. In addition, I also already have been confronted to problems caused by OS updates, so I understand how important it is to maintain the services up to date. Moreover, my education in Computer Science has equipped me with different tools that will enable me to handle situations non-related to hardware issues, especially database management or versioning.

Finally, I am a fast-learning person willing to improve the efficiency and the atmosphere of the team I will be working with. I will be able to adapt quickly to the specific tasks required by the role of a Systems Engineer and I intend to do my best in my everyday work to help maintain the existing good working environment of the Visualisation Team.

I would like to learn more about this position and share how I could be a great fit for the Data Science Institute.

Yours sincerely,

Andrianirina