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Ms Gaspar Clara  
CERN  
Esplanade des Particules 1  
Case postale 1211 Genève 23  
Suisse

Object : LHCb Experiment Control System: Configuration Tools

Dear Ms Gaspar,

I am a second year student in ISIMA, an engineering school specialised in Computer Science. I am looking for a five-month internship, from April to August 2019. I am writing to you after I met Mr Cédric Caffy in the *Forum Ingénieur Clermont* the 7<sup>th</sup> November. I talked with him about the CERN and my desire to do my internship there. I read all the proposed topics and one of them interests me particularly: *Configuration Tools* for LHCb.

I have learned a lot of skills while working on many projects, in particular software development. I have developed and optimised interactive software for an organisation and software allowing data sorting for two PhD students. I also developed several personal projects, for example one about physics simulation and another on graph algorithms. All these projects gave me technical skills but they also taught me how to organise and manage a project. I enjoy teamwork and a taste for things well done.

I am also passionate about science and that is why I am applying for an internship, at the CERN. Indeed, I would like to do an internship which is technically interesting but also in a fascinating scientific environment. I would be happy to speak more with you in an interview. I look forward to hearing from you.

Yours sincerely,

Mathieu Arquillière