

Simon Klüttermann

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Dear Prof. Shprits,

I am currently looking for a phd position, and your [offer](#) caught my eye. Space physics was always interesting to me, and the prospect of working on something not just theoretical (but actually useful) fascinates me.

I have a masters degree in theoretical physics from RWTH Aachen University (I am a student until the end of the month, but currently await my testimony to be send to me). This degree also includes all available astroparticle physics courses.

I have a very strong informatics background, programming on (probably) every day in the last decade: I am an expert python programmer, but also comfortable working with c++ code (and can usually learn every oop in a matter of hours).

I am both comfortable working on linux and on windows, and even though I lack all experience using mac os, I am an expert machine learner (including a masters thesis on machine learning for anomaly detection in particle physics) and an good statistician.

I have worked before with large datasets (I wrote my bachelor thesis about the [AMS Experiment](#), in a group that regularly handled petabytes of data) and with numerical programming libraries (such as numpy or scipy, maybe see my [github](#)).

A more complete list of my skills you find in my [CV](#).

I am able to work independently or in a team, both with a strong attention to detail. I deeply enjoy challenging programming assignments, am flexible and able to work very hard on everything I care about.

Thank you for reading my cover letter and for considering me for this position.

Sincerely,



Simon Klüttermann