Simon Klüttermann

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Grappa   January 13, 2021
Science Park 904
Amsterdam 1098XH

Dear Dr. Weniger,

i am currently looking for a PHD position, and the one you advertise here is quite interesting to me. I would like to pursue a career in academics, and your advertised positions would allow me to nicely combine things I already know about with things I would like to know more about.

Using the knowledge and skills I have acquired in my master studies combined with my technical abilities I also believe that I can provide significant value to your research while providing me invaluable experience to prepare me for my future career.
Even though I have been fascinated by dark matter searches for a long time and I took some extension courses covering this topic, I think my more important skill lies in the machine learning part of your job offer. In own projects and my theses, I have applied knowledge of machine learning and especially anomaly detection to (for example) finding new physics symptoms. Next to my familiarity with tensorflow and keras, I also have experience with genetic programming and statistics. A more complete list of my interests can be seen in my CV. Combining these tools with my physical background, I hope to be able to help your group answer some interesting questions.

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

Sincerely,

Simon Klüttermann