

# Simon Klüttermann

psorus.de | Simon.Kluettermann@rwth-aachen.de | +4915779789970 | Github | Extended CV

## Grappa

Science Park 904  
Amsterdam 1098XH

January 12, 2021

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 allows me to 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 believe that I can provide significant value to your research while providing me invaluable experience to prepare me for my future career. But even though I have been fascinated by dark matter searches for a long time, 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