



CHALMERS
UNIVERSITY OF TECHNOLOGY



UNIVERSITY OF GOTHENBURG

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Letter on behalf of Niklas Forsström

I first came across Mr Niklas Forsström in my class in Solid State Physics in the 3rd year of the Engineering Physics program at Chalmers in 2018. This is a compulsory 3rd year course which is conceptually quite challenging. Out of 124 students, together with one more student, Niklas got the highest mark on the final exam! This is especially impressive given that I now know that think Niklas main interest is not in basics Physics.

In the same semester Niklas also joined a team of six students working on their bachelor project under my supervision. I had suggested a quite speculative project that applied state-of-the-art machine learning methods (deep reinforcement learning) on the problem of error decoding in quantum memories; a topic of relevance to quantum computing. The group performed beyond my expectations and the project turned out to be quite a success, initiating a research direction that I have continued to pursue. Niklas was instrumental to the success of the project, leading the developments, as well as suggesting a crucial key simplifications of the algorithm.

In summary, I think Niklas is an outstanding candidate for any high level and challenging job, combining intelligence, mathematical and programming skills, with excellent social competence.

Should you have any further questions, please do not hesitate to contact me at Mats.Granath@gu.se.

Yours sincerely,


Mats Granath