

Yaolin Ge

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Application letter to “Scientist in the Earth Observation Group”

I got very excited when I found this announcement on Finn.no. I think I can fit into this position.

I am currently a Ph.D. candidate in the statistics group at the Department of Mathematical Sciences at NTNU, and hopefully soon will defend my thesis in the summer. In my Ph.D. project, I mainly work on developing machine learning software systems using statistical toolboxes for data analytics and reinforcement learning strategies for autonomous ocean sampling with underwater robots. I have experience with incorporating multiple data sources including the numerical solver SINMOD from SINTEF Ocean and satellite images from Sentinel-2 into my modeling process. I am also good at integrating systems and deploying them into production. I have used multiple cloud computing services such as AWS and Google Colab daily. And I have conducted several successful experiments in Trondheimsfjorden and the Atlantic Oceans, demonstrating my software system's capability and robustness.

Apart from my professional life, I am also very active in my spare time. I have been training in Taekwondo for nine years and competed in NM in 2021 (won a bronze medal in senior M 74+). I like dancing and playing piano as well. Additionally, sharing with others about the joy of dancing and Taekwondo is one of my favorite things to do. Last but not least, skiing and hiking in the mountains are my ways of meditation.

I am also a rapid learner and can easily grasp new concepts from different fields; my educational background and experience have reflected that as well. I think this will make me suitable for this position.

I am looking forward to hearing from you soon.

Sincerely,

Yaolin Ge