Yaolin Ge

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Application letter to "Platform Engineer"

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 Department of Mathematical Sciences at NTNU, and hopefully soon will defend my thesis in the summer. I have been working on the MASCOT project during the past two and half years. In the project, I mainly work with developing machine learning software systems using statistical toolboxes for data analytics and reinforcement learning strategies for autonomous ocean sampling with underwater robots. I have experiences with incorporating multiple data sources including the numerical solver SINMOD from SINTEF Ocean and satellite images from Sentinel-2 into my modelling 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 in my daily routine. And I have conducted several successful experiments in Trondheimsfjorden and the Atlantic Oceans which have demonstrated the capability and robustness of my software system.

Apart from the professional life, I am also very active in my spare time. I have been training Taekwondo for nine years and have competed in NM in 2021 (won 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 also one of my favorite things to do. Last but not least, skiing and hiking in the mountains are my ways of meditation.

I will bring the competence of machine learning software system development skills for various data analytics applications. For more information, feel free to check out my website.

I am looking forward to hearing from you soon.

Sincerely,