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Amazon Search - Development Centre Berlin
Dr. Rukat Tammo
Krausenstr. 38
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Application for Amazon Search

Dear Dr. Rukat,

Being one of the largest and ever growing companies, Amazon was one of my first choices when looking for a place to do my Master project. The possibility of doing Machine Learning, especially if this implies Reinforcement Learning, further increased my interest. I will be doing my master thesis in the period February-September 2020, and I would be glad if I could be part of your team in that time.

During my Data Science master studies at EPFL, I have focused on Machine Learning and its applications, taking many courses related to this field. I had the opportunity to develop both my theoretical and practical abilities through the many projects I worked on at EPFL. I put a special focus on Reinforcement Learning, which I first came in contact with while doing my Bachelor thesis. I am continuing to pursue this subfield by currently doing a semester project on analyzing optimal baselines for policy gradient methods.

In terms of experience with coding Machine Learning solutions, apart from the various courses taken at EPFL, I also previously worked as a Computer Vision Engineer Intern after my third year of Bachelor, participated in a Machine Learning Summer School organized by Deepmind, and worked extensively in PyTorch while doing my Bachelor thesis.

I also had a fresh experience working in a large company environment, during this summer internship at Microsoft. I was responsible with managing some of the team's resources and improving code functionality, as well as actively participating in team meetings.

Given my broad exposure to various Machine Learning concepts, both in terms of theory and practice, and to working in a similar environment to that at Amazon, I am confident that I could make a significant contribution to your team's project while working on my master thesis.

I look forward to hearing back from you.

Sincerely,
Alexandru Mocanu