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APPLICATION

Hi Robotic Cluster of Odense.

It is with great excitement that I submit my application to the Robotic Cluster of Odense.

I am a graduate within Software Engineering and with great interest in data analytics, robotics, IoT and automation. During my studies I have developed neural networks such as feed-forward, Restricted Boltzmann Machine, self-organizing maps from scratch, as well as worked with a number of frameworks and libraries for artificial intelligence. I have applied artificial intelligence for a number of different tasks including image recognition for processing handwriting, for facial recognition systems and for pattern recognition in timeseries data. Moreover, I have experience in a number of different statistical machine learning techniques that might come in handy for pre-processing tasks or as supplementary classification methods.

In addition, i have obtained experience with hardware and mechanics through a interdisciplinary project, in which we developed a prototype pill dispensing box that would keep track of the medicine in it as well as dispense the right medicine at the right time.

At the Mærsk McKinney Møller Institute, I have received hands-on experience with the development of custom circuits and integration with the AtMega328p CPU. In relation to this, I also have some experience with writing C++ programs.

Thank you in advance for the time you dedicated to my application. I am looking forward to hearing from you.

Best regards,

Emil Sebastian Rømer