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# Ivar Cashin Eriksson

Hello, I am writing to apply for the position as Data Scientist in Danske Bank's AI Centre of Excellence. With a Master's degree in data science and applied mathematics, and 6 years of professional experience working with machine learning, I am excited to keep learning and to help build impactful and responsible AI solutions at scale.

Directly after my studies I continued work at RaySearch Laboratories in Stockholm with whom I had written my Master's thesis. My experience at RaySearch as a Data Science Researcher left a strong, long-lasting impression. I developed ML-based methods for radiotherapy planning of cancer treatment. The work was challenging and rewarding, and involved building custom autoencoders for computer vision. Though I had to leave Stockholm in 2021 to move to Copenhagen, I have kept on working with machine learning since.

In Copenhagen I have worked with data science as a consultant at Valcon, where I built real-time ML inference pipelines for financial data, and at Signum Life Science, where I have owned, extended, and maintained price forecasting models and other deep learning systems. These experiences have given me a solid foundation in applying machine learning to real-world problems, and have honed my skills in building robust and scalable systems.

I have also architected and led the development of deep learning based systems from the ground up and have in my own time developed an end-to-end machine learning pipeline for multi-modal "shop-the-look" classification for e-commerce in the fashion industry. These projects gave me practical experience with the entire machine learning lifecycle, from data collection and preprocessing to model training and deployment. The shop-the-look classifier incorporates a custom built chrome extension and a FastAPI backend to display results in real-time in your web-browser.

Beyond model development, I have organised company-wide hackathons, mentored colleagues, and helped shape internal standards for scalable ML tooling. I deeply enjoy sharing knowledge and fostering a culture of learning within teams is very important to me.

Outside of work, I fill my free time with designing furniture, woodworking, coding, 3D-printing, climbing, road biking, ultimate frisbee, and board games, activities that keep my hands and mind sharp. I thoroughly enjoy picking up new skills and am self taught in all my hobbies.

I hope to hear back from you soon. Regards,

Ivar Cashin Eriksson.