

My name is Hanna Petersson, and I am currently in my fourth year pursuing an M.Sc. degree in Industrial Engineering and Management at Linköping University, with dual master profiles in Machine Learning and Finance. Since beginning of my studies, I have gained knowledge in a wide range of subjects, earning my bachelor's degree in Electrical Engineering, where my thesis focused on programming a self-driving radio car.

This past summer, I worked at AI Sweden, developing an AI-powered mobile app for the Swedish Red Cross. The project involved implementing machine learning models into a user-friendly solution, which strengthened my ability to combine technical expertise with a customer-oriented approach. In the summer of 2023, I also held the position of Market Analyst Intern at Allicon, where I conducted a data-driven analysis of the fiber market in Europe, providing recommendations that helped shape strategic decisions. These experiences have enhanced my problem-solving skills and my passion for applying technology to drive meaningful results.

In the fall of 2023, I spent a semester at the National University of Singapore, one of the world's leading universities. During this time, I completed several technical courses, including a robotics course where I worked on projects such as a hand gesture recognition system using CNNs, a chatbot for travel information powered by GPT-4, and a MATLAB-based robotic arm for obstacle avoidance. This experience deepened my technical expertise and broadened my global perspective.

Beyond academics, I actively engage in student life. Currently, I have the role as Business Relationship in LiU AI Society, organizing company visits and lunch lectures to connect students with AI-focused industries. Previously, I was a member of the student association Clubmästeriet. We arranged the reception period for new students, and 13 large events during the year. Among these, I was the project manager for a national outdoor festival with 5,000 attendees. These experiences have improved my skills in teamwork, communication, and project management, all of which I believe are critical in a professional environment.

Juggling student association responsibilities alongside my academic commitments taught me the essence of time management and focus. I've frequently received feedback highlighting my calm and determined demeanor, attributes I believe are crucial, especially during challenging times. I am confident these qualities, in combination with my genuine interest to learn and develop, will translate effectively in a professional setting.

Warm regards,

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