

Hi,

My name is Hanna Petersson, and I am currently in my fourth year pursuing an M.Sc. degree in Industrial Engineering and Management, specializing in Machine Learning at Linköping University. My academic journey, combined with my prior experiences, and a genuine passion for technology and business, have led me to believe that I can contribute effectively to a team.

I believe that I have always been a proficient problem solver, and I consider this one of my greatest strengths. This skill has been tested both in school and during my internship at AI Sweden this summer, where problem-solving was crucial in developing an AI-powered mobile app that met the diverse criteria set by our client, the Swedish Red Cross. Additionally, the summer of 2023, I held the position of Market Analyst Intern at Allicon, where I carried out a data-driven analysis of the fiber market in Europe. This experience was both enjoyable and educational, further broadening my perspective on problem-solving in a business context.

I am excited to test and further develop my problem-solving skills in a dynamic work environment. Additionally, I am an experienced team player who thrives in collaborative settings, yet I also enjoy working independently, finding motivation in being solely responsible for the outcome of my work.

Since beginning my studies, I have gained knowledge in a wide range of subjects, earning my bachelor's degree in Electrical Engineering, with my bachelor's thesis focused on programming a self-driving radio car. However, it wasn't until I started my master's degree in Machine Learning that I discovered what truly drives me. In the fall of 2023, I spent an exchange semester at the National University of Singapore. It was an incredibly exciting experience, both to study at one of the world's leading universities and to live in a country with a strong focus on innovation and digitalization. I took several technical courses, including a robotics course where I completed three projects: a hand gesture recognition system using CNNs, the creation of a chatbot for travel information using the LLM gpt4all, and a robot arm that avoids obstacles in MATLAB. I've long had an interest in programming, and having the opportunity to deepen my knowledge and apply it to real-life cases is something I truly thrive on.

Throughout my studies, I have actively engaged in student life, including my involvement in a non-profit organization called Clubmästeriet. As part of this organization, I helped organize the reception period for new students and coordinated 13 major events throughout the year. Notably, I served as the project manager for a large outdoor event that attracted 5000 attendees from universities across the nation. This experience enhanced my teamwork, communication, and problem-solving skills, which are essential in collaborative environments. Additionally, I managed Clubmästeriet's various websites.

Balancing these responsibilities alongside my academic commitments has honed my time management and focus. I've often received feedback that highlights my calm and determined demeanor, qualities that I believe are crucial, especially in challenging situations. I am confident that these attributes, along with my eagerness to learn and grow, will translate effectively in a professional setting.

Warm regards,

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