

Cover Letter

Dear Julia Wahl,

I am writing to express my interest in the Internship in the Field of Artificial Intelligence Conception at STIHL, as advertised. With a solid foundation in computer science and a current pursuit of a Master's in Artificial Intelligence at Brandenburgische Technische Universität Cottbus-Senftenberg, I am enthusiastic about the opportunity to apply my skills and passion for AI and machine learning to your innovative team.

My academic background has equipped me with comprehensive knowledge of AI and machine learning. I have developed proficiency in programming languages such as Python and C++, and I am well-versed in using machine learning libraries like NumPy, Pandas, Scikit-Learn, and TensorFlow. In addition to my formal education, I am actively engaged in a '100 Days of Machine Learning' challenge, where I have completed 55 days so far. This challenge has been an excellent opportunity for me to hone my skills in machine learning by performing daily tasks and uploading them to GitHub. This experience has strengthened my ability to work independently, enhance my problem-solving skills, and stay current with the latest AI advancements.

Throughout my studies and projects, I have demonstrated my ability to prototype, test, and validate AI models. For instance, I developed a house price prediction model using linear regression and a sentiment analysis model utilizing PyTorch's LSTM architecture. These projects have sharpened my technical abilities and underscored the importance of creativity, agility, and collaboration in delivering impactful AI solutions.

I am particularly excited about the opportunity to work with an interdisciplinary team at STIHL, where I can leverage my background in data science and AI to contribute to developing innovative product features. I am confident in my ability to effectively communicate complex technical concepts to stakeholders and collaborate with engineers, data scientists, and product managers to drive project success.

Thank you for considering my application. I am eager to bring my skills, passion, and dedication to your team and look forward to the possibility of discussing how I can contribute to STIHL.

Sincerely,

Veera Prathap Viswanathan