Dear Madam/Sir,

Please accept the enclosed resume as my application for Bosch Career Event. I hold a Master's degree in Computer Science, majoring in Cognitive Technical Systems with a CGPA of 1.4, from University of Freiburg and currently working as a Software Engineer in Automotive Industry. I am applying because I believe my background in machine learning and computer vision, expertise in software development and experience in automotive industry would be a good fit for your company while being an interesting career advancement opportunity for me.

As stated in my enclosed resume, I have more than 2 years of work experience as a professional software engineer. I am proficient in C++, Java, MATLAB and Python and have contributed to various industrial-grade as well as open source projects with my problem solving skills, encompassing applications across various domains, including machine learning frameworks, web, mobile, network, and computer graphics applications. Since the past two years I have been involved in the development of various projects in automotive industry, specifically related to driver assistance systems and automated driving. During this period I have gained valuable experience of working on perception tasks with Camera, Radar and Lidar sensors for driver assistance and automated driving function and gain hands-on experience with Robot Operating System (ROS), Automotive Data and Time-Triggered Framework (ADTF), OpenCV etc.

In the last 5 years, I have developed extensive theoretical and practical expertise and background of Artificial Intelligence and Machine Learning. My coursework at University of Freiburg revolves around Machine Learning, Artificial Intelligence and their applications in Robotics and Computer Vision. I am experienced with caffe, tensorflow and torch 7 and scikit-learn machine learning frameworks. Moreover, I am well-versed in many topics of robotics and AI, including localization, mapping, SLAM, motion planning, action planning etc.

Having worked in T&S engineering for about a year, I feel I am ready for more challenging position which will allow me to utilize my problem solving skills for algorithm development and engineering solutions. A position at Bosch would enable me to polish my technical skills by taking part in more challenging and diverse tasks with more responsibility to produce quality and innovative technical solutions. It will enable me to collaborate and learn from experienced peers to excel and gain competent experience as an engineer.

I set high standards for me in terms of quality of work to achieving the goal and I never shy away from taking up a challenge. Bosch being the industry leader, expects excellence from its employees, which is often reflected by a PhD degree. Despite not having a PhD degree, I believe I possess most of the skills acquired during a PhD degree, including publishing research work, keeping up and conducting research, contributing to open source projects, presenting and defending your work among the community.

Concluding, I am confident that my skill set and experience would be interesting addition for the Bosch family. Thank you for taking time to review this application. I look forward to further correspondence.

Best regards,
Farooq Ahmed Zuberi
Email: farooqahmedzuberi@gmail.com
Website: https://farooqzuberi.github.io/
Tell: +4915216255435 / +4917685238383