

Dear Sir / Madam,

I am writing this letter to express my interest in the pursuing PhD at the Indian Institute of Technology Kharagpur.

I have a BSc degree in Mechatronics engineering from Tishreen University, Syria. I was the 2nd top graduate in my class with a final GPA of (87.86%). During my studies, I have participated in many competitions for robotics both in and outside Syria, either as a competitor or as a coach. Also, I have participated in the Syrian Colligate Programming Contest as a contestant for two years, all of which improved my problem-solving and programming skills.

During my last job at SCASE Co, in Syria, where we had several projects in the Automotive field in cooperation with another German company named Intenta GmbH, I worked for one and a half years as a software developer. During that period, I gained a good experience in the software development cycle, improved my C++ skills and my testing skills, as we worked on developing software for a labeling tool, before moving to another project in the testing phase.

After getting a scholarship to pursue my master's degree in India (Indian Institute of Technology Kharagpur), the quantity and quality of knowledge I gained were essential to further developing my skills. I chose the field of control systems engineering, and my focus was on the automotive part. I finished my master's with great marks. And my research area was in developing an adaptive cruise control and traffic jam assist system for autonomous vehicles. After finishing my studies, I continued to work for 3 more months in the same lab under the guidance of my supervisor, through which I learned the necessary skills on research related to industry and on writing academic papers.

Considering the current situation the whole world is suffering from didn't stop me from working to gain extra experience by working online on a summer project on hybrid electric vehicles with my professor and some colleagues.

I am a person who enjoys working on challenging topics, analyzing, and finding solutions. I also thrive when working in teams, as I see it as the perfect way to improve my hard and soft skills. Having the opportunity to work as a researcher in a reputable organization like Volvo would be the perfect opportunity to gain an incredible amount of knowledge and practical experience that will give a huge push to my academic and professional career .

In short, I am willing to devote all my skills and capabilities for this opportunity, and I think I will be a valuable addition to the community of IITKGP. I am eager to do my best in this regard.

Thank you for your time.

Sincerely.

Tamim Boubou

