Cover Letter

My name is Utkarsh Gupta and I am currently pursuing M.Sc. Computer Science specializing in Intelligent System from the Technical University of Kaiserslautern. I have studied many of the core subjects of intelligent systems such as Artificial Intelligence, Artificial Neural Network, Image Processing and Object Tracking, 3D computer vision, Collaborative Intelligence, and I also have implementation knowledge of Machine Learning concepts.

I have been working at Deutsches Forschungszentrum für Künstliche Intelligenz (DFKI), Kaiserslautern. Currently, I am working on my master thesis in which I am exploring and implementing a Deep Neural Network which performs Image Labelling task based on the attention processing information. I have completed my project at DFKI in which I worked on C++ and MATLAB on the LINUX platform. The project was a standalone project on which I worked hard to do all the implementation in the project. While working at DFKI, I have also gained experience in the field of computer/augmented vision.

I have completed Bachelor of Engineering in Computer Science from Ghaziabad, India where my major subjects were – Data Structures, Introduction to Soft Computing, Artificial Intelligence, Parallel Algorithms, Data Mining and Data Warehousing, Database Management System, Digital Image Processing, JAVA and C. I scored good grades in my University in Programming with WEB, JAVA and carry good amount of knowledge in coding in C. In my Bachelors, I enhanced my knowledge in C and development by working on Bachelors Project: Radio Frequency Identification Technique.

I have a good command in the field of programming and databases in terms of performance and optimization in quality, also in analyzing the necessary measures required for improvement. I have worked on many tools like KDevelop, MATLAB, Octave and have confidence in working on other source code management tools like GitHub, SVN, Team Foundation Server.
After learning more disciplines in Computer Science at the University of Kaiserslautern and with my work experience, I carry a good amount of knowledge in the field of image processing, module development, and requirements analysis. I have profound knowledge in MS-Office, Excel and PowerPoint presentations.

I am a quick learner and flexible in working with new tools and frameworks. I am a self-motivated independent developer. I believe in hard work and sincerity. I have a keen inclination toward research. I have proficient English skills and intermediate German skills. A student job under the guidance of the employees of your organization will help to shape my career in a better way. I am certain that opportunity like this will explore my knowledge to its full potential, and broaden my perspective and benefit the organization.

Best regards,
Utkarsh Gupta
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