ASHISH JAISWAL
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October 18, 2020
Position: Machine Learning Engineering Intern
PlayStation, San Fransisco, CA

Dear Recruitment Team,

I am Ashish Jaiswal and I am writing to apply for the machine learning engineering summer internship position that was listed by PlayStation on Linkedin. After reading the job description and responsibilities, I believe that my research and work experiences make me an ideal candidate for the position.

I was introduced to AI and machine learning about 3 years ago when I got selected as one of the 25 AI-fellows in Nepal for a one-year Micro Masters program in AI from Columbia University on EdX. Since then, there has been no turning back as I have dedicated most of my time to trying to learn and understand machine learning along with its mathematical aspects. I worked as a Software Engineer for almost two years where I had the opportunity to test and integrate classical machine learning algorithms into web applications. I also worked for SocialEyes NP where my role was to design deep learning models to grade diabetic retinopathy level from retinal images.

Currently, I am a second-year Ph.D. student at the University of Texas at Arlington working in projects that focus on computer vision tasks such as human activity recognition, object detection, video analysis, etc. My main research involves automating systems to assess cognitive abilities in children through specific tasks performed in front of a camera sensor. Additionally, I am also working on predicting fatigue in people with Traumatic Brain Injury (TBI) from their brain fMRI scans. Furthermore, I am interested in the principle of self-supervised learning and the idea of training deep learning models where the data provides supervision. To understand the paradigm better, I am writing a survey paper on self-supervised learning with contrastive learning.

The work experience in the industry along with current research has helped me develop professionalism and a sense of consistency while working on different kinds of projects. I am confident that I will be an asset to your program and this internship will help me expand my research skills.

Thank you for your consideration. I am looking forward to hearing back from you soon.

Sincerely,
Ashish Jaiswal