

Roshan Swain

Mumbai, India.

To,
CERN-HSF GSoc

Dear Sir/Madam,

I have an avid interest in Machine Learning and Deep Learning. My journey started with a ML bootcamp and Deep Learning course, and I was so fascinated by Deep Learning, that I decided to work hard and grow my career in this field.

I think I am a good candidate for this project, because I am self-disciplined and I always put 100% in my work and improve constantly. I have been involved in field of Computing and Machine Learning for more than 2 years. Working with different projects taught me various data handling and statistical skills to work with big data. I did face quite challenges in data handling techniques and gaining key insights and correlation, but still managed to work through continuous efforts. Through this process, I became more and more familiar with different ML libraries and frameworks like Pytorch, Tensorflow, Keras and Scikit-Learn and throughout this journey a few Statistics and Numerical Analysis courses complimented my learning experience. Deep Learning has greatly fascinated me through CNN, and especially GANs. After working on few GANs projects, it broadened my vision and the potential deep learning has. Simulations using GANs is one of the field in Deep Learning which fascinates me.

I wanted to learn real-time classification so I devoted myself towards learning proper utilization Cloud resources and got hands on experience in deploying machine-learning and deep-learning solutions to cloud. I also worked in improving my data analytics skills which is very important in Machine Learning. I aim to build my career in ML, where I analyse data to gain key insights and develop algorithms for data driven solutions. Now, I am looking for an opportunity where I can implement my machine learning skills for solving challenging problems. My quest has guided me to look for those opportunities where I can work on data in order to draw conclusions from raw data and work on optimizing present practices.

I wish to dive deeper into this field and learn different deep learning practices from experts and top researchers. I share the same wish as others to become the best in my field and for this I wish to learn from the best researchers and mentors. Having a mentor guiding me can help me walk a long path in my field by avoiding wrong turns in my path of learning and application of ML. With the guidance of top researchers, I wish to fill my gaps and limitations and truly learn and grow in my field of interest.

Through this project, I wish to enrich and gain valuable experience in my field of interest. Just working on this project will help me gain knowledge and experience over cutting edge ML techniques and this is a perfect opportunity to amplify my vision and knowledge, in resonance with contributing towards the open source community.

Thank you for your time and consideration and I look forward to hearing back from you soon.

Sincerely,
Roshan Swain

