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### Motivation Letter

With this letter I would like to express my interest in learning at the ESiWACE Summer School 2020 . I am working as a Project Scientist in Centre of Climate Change Research, Indian Insitute of Tropical Meteorology, Pune, India.and I do hold a deep interest in the Programming concepts and Algorithm design. I have completed my doctorate recently in the field of computer science.

Currently I am working in high resolution climate module simulation exection process. HPC load balancing, model optimization are major part of my responsibilities. I am having plan to improve my skills in way of learning machine learning skills, code optimization and extreme scale computation. So that this summer school is very suitable for me and i feel that this is a great opportunity. In addition, I believe that the structure of framework of the summer school will help me with my most profound and fundamental question regarding my future work. During my work experience, I have been gathered more knowledge about programming concept, Algorithm design, Climate model execution, Scientific software development with large amount of data, Designing Application Programme Interface(API) for climate data service.I also have gain experience in the data arhcival managemenet, Climate data analysis using Computational techniques. Finally I can handle myself with the Python programming and its scientific packages, CDO,ncl and shell script, Thus I firmly believe that I will be able to cope with the requirements of the summer school.

I appreciate you taking the time to review my application and do not hesitate to contact me for any further information needed.

Yours sincerely,