

Arijit Saha

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Dear Internship Co-ordinator,

I am writing this with the intent to apply for the role of an intern in the department of Aerodynamics.

I am an Aerospace Engineering (M.Sc.) student at TUM joint programme in the third semester. This is a joint degree programme between Technical University of Munich, Germany & Nanyang Technological University, Singapore.

My main area of research interest is **Aerodynamics** (Studied under Prof Dr. Daniel T.H.New, NTU Singapore) and for the sake of diversifying my knowledge, I am also involved in a project related to CFD Investigation of Tandem Wing under Prof Dr. Basman Elhadidi. Through that project, I have gained a good hold over **ANSYS Fluent** and various kinds of meshing methodologies such as overset and adaptive meshing technique compatible for a successful simulation. I also possess basic knowledge of **MATLAB** as a basic requirement in the project.

During my undergraduate study, I had always been a part of many projects and teams. One of the major successes that I have been able to achieve during my undergraduate course is building "Team Solareon". Besides being the team's Lead Vehicle Dynamics Engineer, I was also the team leader in my final year which helped me gain leadership skills.

Ideally, I wish to work towards creating a non-conventional source of energy by ameliorating the maximum efficiency that can be extracted out of a natural resource. At this juncture of my career, this internship will help me acquire comprehensive and specialized skills, widen my scope of thinking and innovation, and bring out the best in me.

My master's degree course requires me to complete an internship (9 weeks minimum) and an original master's thesis (6 months). Therefore, I would like to combine my internship along with the dissertation at your esteemed company, to provide enough time to effectively work on any relevant project. I believe that my skills and profile will make me an ideal candidate for the same.

Considering all this and my ardent desire to undergo thesis and internship, I look forward to the decision of the Internship Co-ordinator on my application, if possible with consideration of financial aid.

Thank you

Yours sincerely

Arijit Saha