M. Salman **Siddiqui**

RESEARCH SCIENTIST · DOCTORAL STUDENT

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HR manager   *September 7, 2017*

AIRLABS

Senior Airflow Engineer

Dear Reza Ansari Shirvan,

About Me ───

I am applying for the position available in the company that was recently advertised on your website under the title Senior Airflow Engineer.

Currently, I am a final year doctorate student at Norwegian University of Sciences & Technology. I am also working as a Research Scientist with SINTEF ICT Applied Mathematics group, which is the largest independent research organization throughout Scandinavia. I am expected to finish my doctorate dissertation in fall this year, after which I will be delighted to join your company.

Why Me? ───

I consider myself an ideal candidate for the current position, which is because of my diverse educational background and unique skill set. As a student, I obtained state of the art Mechanical Engineering knowledge with the degrees from the top notch institute within my region(NUST, ranked one university in Pakistan). On top of it, a doctorate in Applied Mathematics at the NTNU (department ranked in top 50 by the Academic ranking of world universities) has embedded the core perception of known science in a particularly good way. I put my knowledge at the forefront of research and demonstrated my capabilities on the projects of applied nature ranging from energy harvesting to offshore wind turbines, computational fluid dynamics analysis of aerospace applications, numerical modeling of weather systems and reduce order modeling. I was part of the team who developed engineering software tools mainly based on object oriented codes such as Python/C++. I contributed to the development of in-house code within the group called IFEM (python library for the solution of Isogeometric finite element numerical codes for Navier-Stokes equation) and a Reduce order framework for high-fidelity simulation tool box. Overall I have got seven years of professional experience mainly related to CFD, numerical modeling and project management. I have also been a mentor at various institutes which helped me in leading projects, deliver knowledge to graduate students and develop administrative skills. My current research database grew over 25 articles in international journals and conference proceeding, which speaks for my cutting edge research capabilities, international exposure and project management leading to successful conclusions.

Why AIRLABS? ─────────────────────────────────────

The good reputation of AIRLABS with higher employees standards, diverse cultural environment, and cutting edge research facilities have motivated me to apply for the current position. I believe this position will help me acquire versatility needed to reach my full potential as a professional researcher. I consider myself ready for the challenges of the current position, and I am sure that I will contribute very positively to your company.

Sincerely,

M. Salman Siddiqui