

Vibhor Aggarwal || vibhor.aggarwal@rwth-aachen.de || +4917659896222

9th September, 2019

Contact information

Dear Professor *****,

I am a Master's student in Automotive Engineering at RWTH Aachen, Germany. I graduated as a Mechanical Engineer with a minor in Applied Mathematics from Indian Institute of Technology (IIT) Kanpur, India. I am writing to inquire, and discuss about the student position available for the *****.

I have vast experience working with Matlab/Simulink, Computer Aided Designing, Simulation over Ansys, Gazebo, C++, ROS.

Currently I am working on Sensor fusion for Navigation and path planning of an Unmanned Aerial Vehicle at Institute of Automatic Control at RWTH Aachen. I had worked as a Research Fellow on low level joint-torque control of the Humanoid robot, iCub, at Italian Institute of technology (IIT), Genova, in Italy for almost a year. It required me to design the control framework on Matlab/Simulink. I also worked as an engineer for Engine Plant Maintenance in a an Automotive Company in India. During my undergraduate, I led a Motorsports team of more than 20 people. We successfully designed the first transparent and lightweight Gearbox, and one of the lightest vehicle in Indian student motorsports'. I was Vehicle Dynamics engineer in the college's Motorsports team, wherein we designed and manufactured two off-road vehicles.

During senior year for college I worked on a Robotic Exoskeleton Arm, which was the Best Under Graduate project among all the graduating students.

I am interested in the project ***** and would like to discuss the possibility to work under you.

Thank you for taking the time to consider my application. I am attaching my CV along with this letter. Let me know if you need any further information; I would be glad to provide it, and would also be available for an interview via Skype.

I look forward to hearing from you.

Sincere regards,

Vibhor Aggarwal

Website: <https://vibhoraggarwal.github.io>