

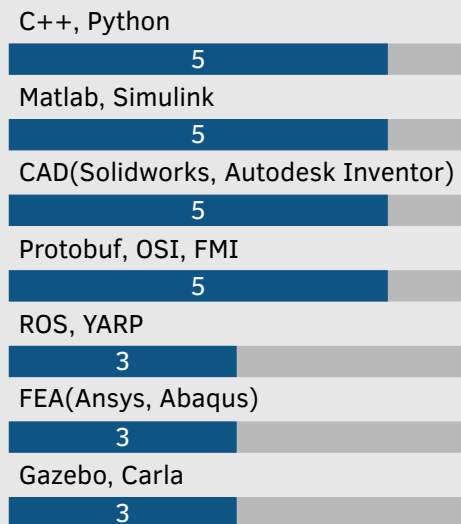


Vibhor Aggarwal

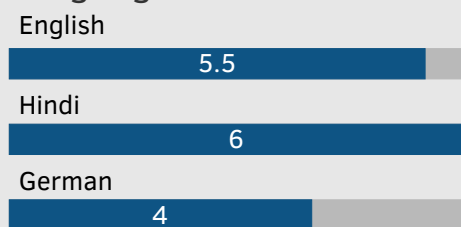
Master's Student, Automotive Engineering
RWTH Aachen

- 24 February, 1996 (26# Years)
- Stuttgart, Germany
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- vibhoraggarwal.github.io
- vibhorag24@gmail.com

Skills*

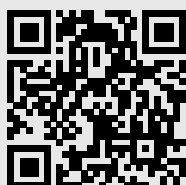


Languages*



*Scale 1:Beginner to 6:Proficient

Projects' Photos & Videos —



Summary

Automotive engineer experienced with robotic systems and ADAS.

Education

- M.Sc, Automotive Engineering* 2021
RWTH Aachen, Germany
- B.Tech, Major: Mechanical Engineering* 2017
Minor: Applied Mathematics
Indian Institute of Technology Kanpur (IIT), India

Achievement and Awards

- Best Under-Graduate project in Mechanical Engineering: IIT Kanpur 2017
- Ranjan Kumar Memorial Award for best socially relevant project: IIT Kanpur 2017
- Ranked 3rd in state and 914th nationally among 1.4 million students in JEE 2013
- Gold Medal in National Mathematics Olympiad: AISMTA 2013

Experience

- Simulation engineer for automated driving Germany May'21-Present#
ETAS GmbH, Stuttgart
 - Automated driving simulation for public funded project, SET Level
- ADAS simulation engineer intern/master thesis Germany Jun'20-May'21
ETAS GmbH, Stuttgart
 - Logging and tracing OSI messages using in COSYM, a co-simulation software
 - New standards in Verification & Validation setups for automotive applications
- Student research assistant Germany May'19-Mar'20
Institute of Automatic Control, RWTH Aachen
 - Sensor fusion, DAQ and time synchronisation among IMU and GNSS sensors
- Research Fellow for humanoid robotics Italy Nov'17-Aug'18
Italian Institute of Technology, Genova
 - Implemented low level torque control framework for Humanoid robot, iCub
- Graduate Engineer Trainee India July'17-Oct'17
Hero Motocorp Ltd, Haridwar
 - Managed TPM for machine quality, process inspection and resource planning
- Mechanical design engineer intern India May'16-July'16
Grey Orange Robotics Pvt. Ltd, Gurugram
 - Designed suspension system of a material handling Automated Guided Vehicle

Projects

- Robotic Exoskeleton Arm* Aug'16-April'17
Guide: Dr. Sumit Basu, IIT Kanpur
 - Provided improved mobility to people in old age and Cerebral Palsy patients
- Off-road Vehicles* Dec'13-Jan'16
Guide: Dr. Avinash Kumar Agarwal, IIT Kanpur
 - Created/optimised mathematical models for multi link suspension systems

Additional Information

- Led the Motorsports team at IIT Kanpur, with more than 25 members.
- Interested in Kung fu, Tango, Cycling, Running, Abstract expr., Philosophy

Last updated: June 30, 2022