

IFTAKHAR KAUNAIN ASHHAR

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I am enthused by computers and machines. I love the empowerment computers give me to bring my imagination to the world. I would love to be at the intersection of mechanical and computer engineering, experimenting and innovating the technologies of the future.

SKILLSET

C, Python, JavaScript
ROS, OpenCV, NumPy,
Gazebo, Socket
HTML, CSS, Bootstrap
Git, Linux
AutoCAD, SolidWorks
MS Word, Excel,
PowerPoint

QUALITIES

Punctual, Flexible,
Passionate, Team player,
Inquisitive, Diligent

PROJECTS

Socket Cam | 2021

-Script to stream video over LAN.

-Python, OpenCV, NumPy.

Virtual Online Robotics

Competition (VORC) | 2020

-Gazebo simulations for VORC.

-Python, ROS, Gazebo

EDUCATION

Bachelor of Technology (Honors) | 8.848/10 | 2019-Present

Mechanical Engineering

Zakir Husain College of Engineering and Technology, Aligarh Muslim University

-Studying core mechanical engineering including computer programming, design, automation and control. Plan to move towards mechatronics and robotics with electives and extra courses.

-Perfect grades in electronics, electrical and computer programming courses.

Senior Secondary School Certificate | 74/100 | 2016-2018

Science

Saiyed Hamid Senior Secondary School, Aligarh Muslim University

-Studied Physics, Chemistry, Mathematics, English and Physical Education.

-Participated in speech competitions and quizzes.

Secondary School Certificate | 10/10 | 2004-2016

CBSE

Our Lady of Fatima Senior Secondary School

-Studied from kindergarten to Grade 10, was always at the top of the class.

-Participated in competitions and won tremendous awards.

Represented school at various levels.

-Compered many events including school annual function.

-Took initiatives and was a part of the school's parliament.

EXPERIENCES

Computer Team Member | 2020-Present

Autonomous Underwater Vehicle Club

Zakir Husain College of Engineering and Technology, Aligarh Muslim University

-Working on autonomous vehicles for national and international competitions.

-Working on club's website.

Web Developer | 2019-Present

Freelance

-Working on websites and chrome extensions.
