

# 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

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## QUALITIES

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

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## 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.

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## EXPERIENCES

**Software Engineer** | 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.

-Maintaining club's website.

**Web Developer** | 2019-Present

Freelance

-Working on websites and chrome extensions.

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