SHASHANK KUMAR

Introduction

Pursuing **B.E** degree in **Computer Science and Engineering** from the **B.M.S College of Engineering**. Interested in developing my career in fields of Robotics and Automation integrated with AI and ML. Recognized by leadership for exhibiting a positive attitude, high energy, creativity and strong writing skills.

Professional Experience

GeeksforGeeks, *Technical Writer*
2019 – 2019
Published article on Introduction to Robot Operating System on this platform and other articles are under review.

BMSCE IEEE, *Team Member*
2018 – 2019 | Bangalore, India
Coordinator for Hack-a-thon Event.
Python SIG Member in the group PyA.

Protocol BMSCE, *Technical Team Member*
2018 – 2019 | Bangalore, India
Was in the Protocol core committee,the first technical club of our department.

Centre for Artificial Intelligence and Robotics- Defence Research and Development Organisation (DRDO),
Research Intern
2018 – 2018 | Bangalore, India
Worked on live robots using ROS and Gazebo simulation.

Coursera.org, *Course Mentor*
2018 – 2018
Mentor for the course of Blockchain Basics provided by SUNY & the University of Buffalo.

Education

B.M.S College of Engineering,
B.E- Computer Science & Engineering
2018 – 2022 | Bangalore, India
Technical: IEEE core committee & Protocol club.
Cultural: Rotaract Team & N.S.S volunteer.
Sports: College boxing team.

Kendriya Vidyalaya,
HSC-Mathematics and Computer Science
2016 – 2018 | Chennai, India
Sports: School boxing team.

The Air Force School, *SSC*
2013 – 2016 | Delhi, India
Technical: Computer Society member.
Cultural: Model United Nations (MUN), NCC Flight Cadet.
Sports: Equestrian,Swimming and athletics.

Skills

C++, Java, ROS, Gazebo Simulation, Blockchain Sawtooth, SQL, Data Structures, Linux, AI/ML Concepts

Certificates

Coursera Mentor Community and Training Course

Blockchain Basics- Coursera

Security Fundamentals- Microsoft

PCRA-Silver Medal- Petroleum Conservation Research Association

NCC-'A' Certificate

Google Analytics Individual Qualification (IQ)

EFSET English Certificate -Upper Intermediate (CEFR B2)

Marine and Antarctic Science
Open2Study

Languages

English ● ● ● ● ○

Hindi ● ● ● ● ○

German ● ● ○ ○ ○

Sports

Boxing, Equestrian, Swimming

Publications

A Mechanism to Overcome the toppling problem of a Hexapod, *Under Review-International Journal of Intelligent Robotics and Application (JIRA)*

Review paper on Unmanned Combat Aerial Vehicle, *Under Review -Human Factors and Mechanical Engineering for Defense and Safety (HDMS)*

Projects

Landslide Intensity cum Alert System
08/2018
Using data from the big data site Kaggle and apply artificial intelligence by applying logistic regression using Tensorflow to find out the intensity of a landslide on the place any person is in.This is only for the United States,period,cuz the data of the landslides in India has not been made available by the metrology department of India. A project for #RHoKBangalore2018