

ASHUTOSH KUMBHAJ

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OBJECTIVE

- In anticipation of an opportunity providing intellectually challenging work for proving and enriching my knowledge and skills.

EDUCATION

Indian Institute of Technology (BHU), Varanasi

July 2017 – Current

- B. Tech. in Mechanical Engineering (Current CGPA: 8.27)

Semester	I	II	III	IV	V	VI	VII	VIII
SPI	8.7	8.64	8.53	8.20	7.34			
CPI	8.67		8.52		8.27			

Tilak Public School

2016

- All India Senior School Certificate Examination (Percentage: 89.00%)

St. Francis De Sales Senior Secondary School

2014

- All India Secondary School Examination (CGPA: 9.2)

SKILLS AND INTERESTS

- Languages: C, C++, Python.
- Technologies: SOLIDWORKS, ANSYS
- Areas of Interest: Machine Learning, Data Analytics, Product Management
- Completed Certified course of Python for Data Science and Machine Learning on Udemy.
- Completed Certified course of Six Sigma green belt (with Excel Application) on Udemy.
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TECHNICAL EXPERIENCE

Data Analytics

IIT Jodhpur

15May'19 to 9July'19

- Deploying web app using Heroku and AWS cloud.
- Creating dataset using an API with python.
- Performing Data Visualization on given dataset.
- Worked Under: Dr. Sumit Kalra, Assistant professor, Department of Computer Sciences and Engineering, IIT Jodhpur.

PROJECTS

Project 1

Online Data Science Project

Feb. 2019

- Predicting the presence of heart disease in patient by normalizing the data and using two separate machine learning algorithms: k-nearest neighbors and Logistic Regression to arrive at the best possible result with an accuracy of 0.76

Project 2

Deep Learning Project

Dec.2019-current

- Constructing a 3D model from multiple view images using Generative Adversarial Networks.
- Working Under: Dr. Pratik Chattopadhyay, Assistant Professor, Department of Computer Sciences and Engineering IIT (BHU), Varanasi.

Project 3

Institute Project

Sept.2018-current

- Designing of Autonomous Underwater Vehicle and Performing Static Structural Simulations on ANSYS.
- Manufacturing of Autonomous Underwater Vehicle.
- Working Under: Dr.Hari Prabhat Gupta, Assistant professor, Department of Computer Sciences and Engineering IIT (BHU), Varanasi.

ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES

- Hostel Maintenance Secretary (2018 – 2019) at IIT (BHU), Varanasi.
- Coordinator of Annual Mechanical Engineering Department Fest COMET19 at IIT (BHU), Varanasi.
- Worked in Management and Hospitality team of Annual Mechanical Engineering Department Fest COMET19 at IIT (BHU), Varanasi.
- Member of Literary Club at IIT (BHU), Varanasi.
- Member of Astronomy Club at IIT (BHU), Varanasi.

PERSONAL INFORMATION

- Father: Mohan Lal Sharma
- Gender: Male
- Nationality: Indian
- Address: F2/125, Krishna Vihar Near triveni circle , Gopalpura Bypass , Jaipur , Rajasthan (302015)
- Mother: Laxmi Sharma
- Date of Birth: 18 Mar 1999
- Languages: English , Hindi