Srijan Sharma

D7-AGCR Colony, New Delhi.

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A skilled developer and communicator aspiring to promote team cohesiveness whilst focusing on the bottom line.

Education

Indian Institute of Information Technology Allahabad

Dual Degree (Bachelors+ Masters) in Electronics and Communication Engineering with specialization in Biomedical Engineering [cgpa 8.3]
July 2014 - PRESENT

Delhi Public School
New Delhi, India

AISSCE, Central Board of Secondary Education [percentage 94.6]
Mar. 2013 - Mar. 2014

Internship

Indian Institute of Information Technology
Allahabad, India

Under Prof. T. Lahiri, Dean (Academics), IIIT Allahabad
Apr. 2018 - Present

- Enhanced the Low resolution image to a high resolution image with better texture and edges representation
- Used Tensor flow to implement Deep Convolutional Networks

Projects

Lung Cancer Detection using Artificial Neural Network
Allahabad, India

Under Dr. Sanjai Singh Assoc. Professor, IIIT Allahabad
Dec. 2017 - Feb. 2017

- Worked on Artificial Neural Network Algorithms for the prediction of Cancer Nodules in the CT scan images
- I used technologies such as Image processing, Pattern recognition and Neural Networks

Social Media Interaction Predictor
Allahabad, India

Indipendent project
Oct. 2017

- Modelled the user patterns to study the effectiveness of machine learning predictive modeling approaches
- Worked on Ada Boost Regressor with Decision trees to predict interactions on Facebook posts using UCI data set

Al2O3/ TiO2 stack for Surface Passivation of Solar Cell
Allahabad, India

Under Prof. B.R. Singh, IIIT Allahabad
Jan. 2017 - Apr. 2017

- Adding a layer of Al2O3/TiO2 stack for back surface passivization of the solar cell increases its efficiency
- I optimized the fabrication parameters of Solar cell using Silvaco TCAD
- This project exposed me to fabrication steps of the solar cell

Accomplishments

Recipient, Merit Cum Incentive Scholarship, Govt. of INDIA
Allahabad

Academic Excellence Scholarship
Jan 2016 - Jan 2017

- Top of the Batch in 7th semester [SGPI 9.75] and 6th Semester [SGPI 9.19]

Senator, Students Gymkhana
IIIT Allahabad

Member, SUGC
Jan. 2017 - Jan. 2018

- Elected as Students representative of IIIT Allahabad Students Gymkhana
- Appointed as Directors Nominee in the Senate Undergraduate Committee

Program Committees

2016	**Treasurer**, IEEE Robotics and Automation Society, UP chapter		*UP, India*
2016	**Head, Dept. of Finance**, Aparoksha, IIITA Technical Festival		*Allahabad, India*
2015	**Member, Dept. of Sponsorship**, Effervesence, IIITA Cultural Festival		*Allahabad, India*