



SRIJARKO ROY, RA1911026010087

Course : **B.Tech**, CSE, 2023

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Don Bosco School, Bandel	ICSE	95.2 %	2017
CLASS XII in SCIENCE	Ramakrishna Mission Vidyapith, Deoghar	CBSE	94.2 %	2019
B.Tech in with specialization in Artificial Intelligence and Machine Learning	SRM Institute of Science and Technology - Kattankulathur Campus		9.95 CGPA	2023

Subjects / Electives	Design and Analysis of Algorithms, Data Structures and Algorithms, Object Oriented Design and Programming, Database Management Systems, Operating Systems, Finite Language and Automata, Compiler Design, Computer Networks, Problem Solving, Engineering Mathematics
Technical Proficiency	Python, C++ Language, C Programming, Data Structures, Problem Solving, Computer Vision, Deep Learning, Machine Learning, Data Science, Natural Language Processing, DBMS, SQL, Data Analytics

SUMMER INTERNSHIP / WORK EXPERIENCE	
Software Developer, iSchoolConnect Worked on NLP Models for Emotion Recognition and response generation to aid the Sales team.	Feb 2022 - Present
AI Mentor, Shashwat Foundation (Intel AI for Youth) Worked on teaching and guiding students through their projects, building pipelines and teaching various Machine Learning concepts.	Jul 2021 - Oct 2021
Machine Learning Developer, Frontier Holdings Above and Beyond Pvt. Ltd. Worked on development of state-of-the-art Face Recognition model using OpenFace, VGGFace, FaceNet and DeepFace.	Apr 2021 - Jun 2021
Software Engineer Intern, Wells Fargo Working on various team projects as Software Engineer	Jun 2022 - Present

PROJECTS	
Attention, Linked Networks And Pyramid Pooling Enabled 3D Biomedical Image Segmentation - Vision Segmentation of brain tumors by establishing three varied segmentation architectures - ARU-Net3D, LinkNet 3D and PSPNet 3D.	Feb 2021 - Present
EpilepsyEye.ai - Computer Vision A web-application detecting and processing video frames with high stroke such that users with Epilepsy do not suffer from seizure.	Feb 2022 - Mar 2022
capbot2.0 - Computer Vision, Natural Language Processing Solving operator fatigue and consistent time requirement of present surveillance devices by running Image Captioning and storing the captions in a convenient log, to look up incidents from any instance by entering a few keywords.	Nov 2020 - Mar 2021
VisionDash - Computer Vision A One-Stop Computer Vision Learning Tool, consisting of a dashboard providing resources, FAQs and a Visualizer.	Jan 2022 - Mar 2022
segRetino - Computer Vision Implementation of a network and training strategy that relies on data augmentation to segment retinal blood vessels using a UNET.	Aug 2021 - Sep 2021
ArtiStyle - Computer Vision Changing a white noise input image such that it resembles the content of a content image and the artistic style of a style image to reproduce it as a new artistic stylized image.	Apr 2021 - May 2021
DCGAN - Computer Vision Implementing DCGANs for image generation, demonstrating the strength of CNNs as a candidate for Unsupervised Learning.	May 2021 - Jul 2021

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Python for Machine Learning	E&ICT IIT Roorkee	
Introduction to Machine Learning: Object Recognition and NLP with Tensorflow	Scaler Edge	

POSITION OF RESPONSIBILITY	
Member - Next Tech Lab Responsible for mentoring associates at McCarthy Lab, an undergraduate Deep Learning research community.	Apr 2021 - Present
Community Executive and Editorial Head - SRM Machine Intelligence Community Head of Editorial at Machine Intelligence Community, an undergraduate research community .	Aug 2020 - Present
Hostel Incharge - Ramakrishna Mission Vidyapith, Deoghar	Jun 2017 - May 2018
Lead Singer - Ramakrishna Mission Vidyapith, Deoghar	Jun 2017 - Mar 2019

AWARDS AND RECOGNITIONS

SIIC Defence Hackathon SRM Innovation and Incubation Centre	Mar 2021
Won the Second Position (Software) in recognition of our moxie and knowledge in the "Defence Services Hackathon 2021", Organised by SRM Innovation and Incubation Centre, SRMIST Kattankulathur held from 19 th March 2021 to 21 st March 2021.	
HackSRM 3.0 SRM University AP and NextTech Lab-AP	Nov 2020
Secured Top 10 position in HackSRM 3.0, a virtual hackathon conducted by SRM University AP and NextTech Lab-AP.	
National Essay Competition held at SNBNCBS S.N. Bose National Centre for Basic Sciences	Sep 2018
Won Second Place speaking about Problems and Solutions of School Level Science Education in India.	
National Children's Science Congress National Council for Science and Technology Communication (NCSTC), India	Dec 2014
Among the top 20 Child Scientists in India (National Level) speaking about "Greenhouse Effects, Crop Production Affects", organized by National Council for Science and Technology Communication (NCSTC), India.	

SCHOLARSHIPS

SRMJEEE Merit Scholarship	Jun 2019
SRM Performance Based Scholarship	Jul 2021
SRM Performance Based Scholarship	Jul 2020
SRM Performance Based Scholarship	May 2022

EXTRA CURRICULAR ACTIVITIES

Musical Instrument (Synthesizer)
Extempore Speech

PERSONAL DETAILS

Date of birth: 08 November 2001	Father's name: Sandip Roy
Permanent address: Bagati, Mogra, Hooghly, Hooghly, West Bengal, PIN - 712148	Languages known: Hindi, German, Bengali, English
Permanent contact number: 8583031606	Nationality: Indian
Passport availability: Yes	