

Spandan Ghosh

Electronics Communications Engineer



January 1 1998



spandanghosh2@gmail.com



+91 9674773904



linkedin.com/in/spandanghosh2/

Education

B.Tech
Institute of Engineering and Management, Kolkata | 2020 |
GPA:9.05/10

Class XII
Sudhir Memorial Institute | 2016 |
93.8 %

Class X
Sudhir Memorial Institute | 2014 |
CGPA:10/10

Skills

Python, C++, C. Java, R
Pytorch, Tensorflow
Machine Learning
Deep Learning
Computer Vision
Natural Language Processing
Artificial Intelligence
Predictive Modelling
Digital Image Processing
Reinforcement Learning
Genetic Learning
Linux From Scratch Builder

Extra-Curricular

-ML Researcher
Innovation Entrepreneurship
Development Cell,
IEM Kolkata
Funded by DST, India

-Taught Machine Learning in Peer
teaching sessions in College

-Organized and Participated in The
Kolkata Mini Maker Faire, 2018

-Active Participant in the College Tech
Fest, Innovacion

-Badminton Champion at the
Inter-Residential Complex Badminton
Tournaments

Internships and Training

Since Sep'17	Research Intern Proposing and working on Research Papers and Publications in Deep Learning	IIT, Roorkee
Jun-Aug'18	Research Intern Processing Biomedical images and applying Deep Learning in Biomedical Imaging	IIT, Kharagpur
Summer'17	Industrial Training - Internet of Things Learnt the basics of IOT	MyWBUT
Winter'16	Industrial Training - Embedded Systems Learnt the basic principles of Embedded Systems	WebTek Labs

Research and Projects

2019	Publication - IEEE International Conference on Acoustics, Speech and Signal Processing Predicting Video-frames Using Encoder-ConvLSTM Combination
2019	IIT Kharagpur : Project Detection of Lung Nodules and classifying them to be malignant or benign
2019	IIT Kharagpur : Project Detection of Body part and Classification of Fractured vs Healthy X-Rays from the MURA dataset
2019	Kaggle Challenge by CHAMPS (CHemistry And Mathematics in Phase Space) Predicting Molecular Properties
2019	IIT Roorkee : Project User identification using EEG data with the help of Convolutional architectures
2018	IIT Roorkee : Project Signature Recognition using Spatio -Temporal Networks
2018	Kolkata Maker Faire, 2018 Image Captioning
2018	Kolkata Maker Faire, 2018 Chatbot using Neural Machine Translation

Achievements

2019	Got Published at ICASSP, 2019
2017	Selected at the college IEDC Lab, Funded by DST, India
2016	Won the Gold Medal at the School Volleyball tournament as House Captain
2016	Awarded the TTIS Student of the Year, Sudhir Memorial Institute

MOOCs

1. Machine Learning | Stanford University | Coursera
2. Deep Learning Specialization (5 Courses) | DeepLearning.ai | Coursera
3. End-to-End Machine Learning with TensorFlow on GCP | Google | Coursera
4. Introduction to Deep Learning(Hons.) | Higher School of Economics National Research University | Coursera
5. Introduction to Deep Learning(Hons.) | Higher School of Economics National Research University | Coursera
6. Introduction to Practical Deep Learning | Intel | Coursera

Hobbies

Badminton, Football, Swimming, Table Tennis, Volleyball
Watching Sports and Movies, Playing sports PC games