Shouvik Paul

M. Sc. Student in Automotive Software Engineering at TU Chemnitz, Germany

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Personal statement

I want to achieve a prestigious position in educated world and to enhance my knowledge, skills and experience while taking more responsibility and contribution to the growth of the organization.

Work Experience

Research Intern
Xu Lab, Carnegie Mellon University
Pennsylvania, USA [Remote]
2021.05 – Ongoing [Part Time]

Research Topic: Working in the topic of unsupervised/ semi supervised learning for medical image segmentation. Also worked on the lab website.

UG Research Assistant
Cooch Behar Govt. Engg. College
West Bengal, India
2018.04 - 2021.09

Research Topic: Machine Learning, Artificial Intelligence and Pattern Recognition. Developed various nature inspired evolutionary algorithms to perform data clustering, image processing and other engineering optimization tasks under the supervision of Prof. Dr. Sourav De.

SWE Intern (Computer Vision)
Ogive Technology LLP
Hyderabad, India
2021.02 - 2021.05

Worked on various live projects and made Facial Recognition System; AI based security and surveillance system for attendance monitoring, visitor management, intruder detection using IP camera; Virtual Assistance.

Data Science and ML Intern
Xavier Institute of Social
Service Ranchi, India
2019.05 - 2019.07

Title: Multi-dimensional Clustering Using Modified Particle Swarm Optimization. Developed and modified the Particle Swarm Optimization for multi-dimensional Clustering under the supervision of Prof. Dr. Rik Das.

Deep Learning Research Intern
Indian Institute of Technology Patna
Bihar, India
2018.12 - 2019.01

Title: Attention Based Convolutional Neural Network to Predict Protein-Protein Interactions. Worked under the supervision of Prof. Dr. Sriparna Saha.

Deep Learning Research Intern
Jalpaiguri Govt. Engg. College
West Bengal, India
2018.06 - 2018.08

Title: Iris Flower Data and Image Classification using Convolution Neural Network. Worked under the supervision of Prof. Chinmoy Ghosh.