

# Debashish Reang

reang@iitk.ac.in   
(+91)-8974222357   
<https://reangdeba.xyz/> 

EDUCATION	<b>Indian Institute of Technology Kanpur</b> <i>B.Tech. in Electrical Engineering, CPI: 6.9/10.0</i> <b>NPS International School Guwahati</b> All India Senior School Certificate Examination, <b>GPA: 95.6/100.0</b> Student of the Year and 1 <sup>st</sup> Rank in Science Stream	<i>July 2017 – June 2021</i> <i>June 2015 – June 2017</i>
RESEARCH EXPERIENCE	<b>Parallel Computing Lab at IITK</b> Undergraduate Researcher Studied the Weather Research Forecast Model (WRF) for weather simulation and made source code changes to VisIt visualization tool to visualize the simulated weather data. Advised by <a href="#">Prof. Preeti Malakar</a> .	Kanpur, UP <i>May 2019 – Dec 2019</i>
AWARDS	<b>National Scholarship for Higher Education, 2018, 2019</b> Among 1000 students from all over India to be awarded the scholarship <b>Merit-cum-Means Scholarship IIT Kanpur, 2017</b> One of the recipients of merit-based scholarship in a class of 830 freshmen <b>Dr. B.R Ambedkar Merit Award, 2015</b> Merit-based scholarship awarded to 250 state-board students from all over India	
COURSEWORK	Data Structures & Algorithms, Machine Learning, Deep Learning, Bioinformatics & Computational Biology, Signals & Systems, Digital Signal Processing	
RESEARCH PROJECTS	<b>Post Recommendation System for treadwill.org</b> Developed a post recommendation system using tf-idf and SVM (Support Vector Machine) classifier for <a href="#">treadwill.org</a> , a platform to help people with depression. Advised by <a href="#">Prof. Nitin Gupta</a> . <b>Machine Learning for Lattice Generation for Physics</b> Generated new lattices using Convolutional Neural Nets that corresponded to the thermodynamic trends as observed in lattices generated using standard Monte Carlo simulation at lower temperatures. Advised by <a href="#">Prof. Vipul Arora</a> .	
SKILLS	<b>Programming Languages:</b> Python, C, HTML/CSS <b>Libraries &amp; Frameworks:</b> Flask, Bootstrap, PyTorch, TensorFlow <b>Tools:</b> Git, L <sup>A</sup> T <sub>E</sub> X, Markdown	
COMMUNITY SERVICE	<b>Coordinator, Quiz Club IIT Kanpur</b> <b>Academic Mentor &amp; Student Guide, Counselling Service</b>	<i>Apr 2019 – Apr 2020</i> <i>2018 – 2019</i>