ALOK DUGTAL

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EDUCATION

Indian Institute of Technology (ISM) Dhanbad 2016-2018
Master of Technology (Computer Science & Engineering) 7.67/10 OGPA

College of Engineering Roorkee 2011-2015
Bachelor of Technology (Computer Science & Engineering) 71%

ACADEMIC PROJECTS

- **M.Tech** 2017-2018

Title: Microarray Gene Expression Data Optimization Using mRMR with CLACO

Description: Machine Learning algorithms were used with hybrid of CLA and ACO algorithms to find the optimal subset in the Microarray Gene Expression Data.

- **B.Tech**

Title: Parallel Implementation of Scheduling Algorithm on GPU using CUDA 2014-2015

Description: CUDA is a hardware technology that is developed by NVIDIA .CUDA was used to show how the performance of various scheduling algorithms differs when used with CUDA.

****For Other Projects Refer to Github repository**

TRAINING

Bharat Sanchar Nigam Ltd. (BSNL), India July 2014-August2014

RESEARCH PUBLICATIONS

Parallel Implementation of Scheduling Algorithm on GPU using CUDA 2015

In International Journal of Computer Applications, Volume 127 – No.2, October 2015

mRMR-CLACO: An Ensemble Gene Selection Approach for Cancer Microarray Data Classification (Under Review in Springer Journal) 2018

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, R

Machine Learning Tools: Microsoft Azure Machine Learning Studio, Scikit-learn, Keras

Data Visualization Tools: Tableau, Power BI

Statistical Tools: IBM SPSS

Software & IDEs: NetBeans, Eclipse, DevC++, PyCharm, MatLab, Spyder, RStudio

Operating systems: Windows, Ubuntu, Linux

AREA OF INTREST

Machine Learning, Deep Learning, Neural Networks, Predictive analytics, Computer vision, Recommender system, Reinforcement Learning, Natural Language Processing, Optimization.