

NITIN SHARMA

M-Tech, Department of Information Technology,
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INSIGHT

Growing Back-End developer who is fortunate enough to have his passion and career aligned in the same path. Interested in working in the fields of Backend Development and Machine Learning.

PROJECTS

Daalchini Communication Service (DCS) @Daalchini Tech.
(Spring Boot, Hibernate, MySQL) 2018-19

To develop, test and deploy Rest Apis and CRON jobs for alert generation related to machine healths and reports on different kind of sales, product placements, etc.

Partner, Consumer and Kiosk Apps @Daalchini Tech.
(Spring, Hibernate, MySQL) 2018-19

Task mostly consists of integrating SMS providers, secured api creation and implementation of payment gateways like Paytm, Bharat-pay, etc which in return were supported by CRONS for different tasks like refunds processing.

Covid-19 Infected Patients Recovery @Nitk
(Python, Google Colab) 2020-21

Built different machine learning based data models that help us predict whether a person diagnosed with COVID-19 is going to get fully recovered or not. Then performed a comparative study on these models to come up with the best suited model for our problem statement.

Community Detection in Complex Networks @Nitk
(Python, Google Colab) 2021

Implementation of a leader based community detection algorithm and comparative study of it with some other state-of-the-art algorithms like Girvan-newmann, SCAN, etc.

Channel Pruning of VGG-16 Model @Nitk
(Python, Google Colab) 2021

Total focus of this work was to reduce number of channels from the VGG- 16 model using L1/L2 regularization. Work included generalizing the concept of single layer pruning and then extend it for multi layer as well as whole model pruning.

For more project details, check [linkedin](#).

EDUCATION

Information Technology,
M-Tech, NITK (2020-22)
Computer Science and Engineering,
B-Tech, IIIT-Jabalpur (2014-18)

EXPERIENCE

Daalchini Technologies, Noida
[Java Developer]
July, 2018 - October, 2019
NeuroSystems Pvt. Ltd, Delhi
[Software Developer Intern]
May, 2017 - November 2017

SKILLS

Programming Language: Java, Python
Platforms: Windows, Ubuntu
Frameworks: Spring-Hibernate,
Spring Boot-Data Jpa
Database: MySQL Orientdb
Tools: Git, Eclipse, Slack, Asana, Colab
Other: Postman, Junit Testing, Maven,
Machine Learning

SOCIAL

