

Shubhamkumar Pandey

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY MANDI

BTECH, ELECTRICAL ENGINEERING
2018 - 2022 | Mandi, Himachal Pradesh

GSHSEB

2016-2018 | Ahmedabad, Gujarat, India

LINKS

LinkedIn:// [shubhampandey28](#)

Github:// [ShubhamPandey28](#)

Kaggle:// [shubhampandey27](#)

COURSEWORK

IIT MANDI

Data Structures and Algorithms (CS 202)

Information Database Systems (CS 309)

Computer Organisation (CS 201)

Machine Learning (IC 272)

Probability And Statistics (IC 252)

Linear Algebra (IC 111)

Calculus (IC 110)

OTHERS

Cloud computing basics (Coursera)

Keras DCGAN (Coursera)

Linux kernel (LFD103 Linux Foundation)

SKILLS

PROGRAMMING LANGUAGES

Python • C • C++ • JavaScript

TOOLS

fish • bash • git • VSCode

TECHNOLOGIES

Linux • MySQL • NodeJS • Flask •
Tensorflow

INTERESTS

Data structures • Algorithm •
Mathematics • Data Science •
Linux • Machine Learning • Deep
Learning • Cloud Computing •
Databases

COMPETITIVE DATASCIENCE

INTER-IIT TECHNICAL MEET 2019 IIT Roorkee

Won bronze medal for IIT Mandi in data science challenge competing with other 22 IITs. It was a 2 round contest in which 1st round was max prediction accuracy with given metrics and 2nd round was data analysis project for the given data.

SOFTBANK FOREX ALGORITHM CHALLENGE [link](#)

Developed an exchange position transaction and management algorithm using machine learning. Stood 4th ending up with prediction accuracy of 0.988 while first place accuracy was 0.989.

PROJECTS

GENERATIVE-MODELS [link](#)

Implementation of various Generative deep learning algorithms using tensorflow. DCGAN, CycleGAN, Adversarial-FGSM has been implemented. The CycleGAN is trained using tensorflow training strategy for TPU over data in tfrecord format.

TRANSPORT MANAGEMENT SYSTEM SERVER [link](#)

Server for Transport Company. Deployed the server as REST API using flask and MySQL database. And GUI is made with PyQt using this API and making a running app.

MLLOGGER [link](#)

A user project workload virtualization manager from which you can manage which project is going on which location in user's system. Future goals include efficient sharing method to share results of the project with other users. Made using python, click, mysql

DATA SCIENCE III

Data analysis and modeling project under course IC 272 (Data Science III) in which it was given to analyse a timeseries signal data which was modeled with mathematical hypothesis considered.

FILESERVER [link](#)

A NodeJS server which stores files in mongodb using gridfs stream with names encrypted.

ACHIEVEMENTS

2020	176 th /720	International Data Science Olympiad 2020, IDAO
2020	536 th /3497	2019 Data Science Bowl, kaggle
2019	1 st	IC 272 Annual data analysis project, IIT Mandi
2019	3 rd	Astrax Enigma 2019, IIT Mandi
2018	6163 th	JEE Advanced 2018, Scoring 150/360

EXTRA CURRICULUM

NATIONAL CADET CORP (ARMY WING) 2013 - 2015 | Gujarat
[link](#)