

Shubhamkumar Pandey

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY MANDI

2018 - 2022 | Mandi, Himachal Pradesh

BACHELOR'S IN TECHNOLOGY

MAJOR, ELECTRICAL ENGINEERING

MINOR, COMPUTER SCIENCE AND

ENGINEERING

MINOR, MANAGEMENT

GSHSEB

2016-2018 | Ahmedabad, Gujarat, India

SSC | Score : 89.33%, Percentile : 99.5

HSC | Score : 85%, Percentile : 97.4

LINKS

LinkedIn:// [shubhampandey28](#)

Github:// [ShubhamPandey28](#)

Kaggle:// [shubhampandey27](#)

Gitlab:// [ShubhamPandey28](#)

COURSEWORK

IIT MANDI

Linear Algebra (IC 111)

Calculus (IC 110)

Introduction to Communicating

Distributed Processes (CS 310)

Data Structures and Algorithms (CS 202)

Algorithm Design and Analysis (CS403)

Pattern Recognition (CS 669)

Information Database Systems (CS 309)

Systems Practicum (CS 307)

Machine Learning (IC 272)

OTHERS

Cloud computing basics (Coursera)

Keras DCGAN (Coursera)

Linux kernel (LFD103 Linux Foundation)

SKILLS

PROGRAMMING LANGUAGES

Python • C • C++ • GO •

JavaScript

TOOLS

fish • bash • git • VSCode

TECHNOLOGIES

Linux • MySQL • NodeJS • Flask •

Tensorflow

EXPERIENCE

AI ENGINEER INTERN June 2021- August 2021

Company : Adansons Inc.

Location : Sendai, Miyagi, Japan

Project : Reference AI

Description : Working on and analysing reference AI system designed by Adansons

Technologies : Python, Machine Learning, Signal Processing

SDE INTERN March 2021- May 2021

Company : Parabooking

Location : India

Project : Parabooking

Description : creating an graphql api for the existing server and migrating the server to hasura cloud. Making a Progressive Web App using NuxtJS.

Technology : GraphQL, NodeJS, VueJS, Hasura cloud and Postgres SQL

PROJECTS

QUIZAR link

An online Quizzing platform on OS. It is an command line application for students examination made using C++ socket. A course project in course CS310.

TRANSPORT MANAGEMENT SYSTEM server-link gui-link

Made a transport handling system for a 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 PyPI packaged CLI app as workload virtualization manager for user to manage their project runtime environments.

GENERATIVE-MODELS link

Implementation of deep generative algorithms like DCGAN, CycleGAN and Adversarial-FGSM using tensorflow. The CycleGAN is trained using tensorflow training strategy over TPU using tfrecord data.

SUDOKU CHEATER link

Solving realtime sudoku from sudoku image shown via webcam. It extracts the ROI from the image and using deep learning extracts the digits and then solves it by algorithm x.

ACHEIVEMENTS

2020 176th/720 International Data Science Olympiad 2020, IDAO

2020 536th/3497 2019 Data Science Bowl, kaggle

2019 4th globally Softbank forex Algorithm Challenge

2019 bronze medal Datascience challenge, 8th Inter-IIT Tech Meet

2018 6163th JEE Advanced 2018 , Scoring 150/360

EXTRA CURRICULUM

NATIONAL CADET CORP (ARMY WING) 2013 - 2015 | Gujarat

Rank : Cadet , unit '2 Guj Indep Coy NCC, Gandhinagar.

link