

# Mudit Jain

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## EDUCATION

**College of Technology and Engineering, Udaipur**  
BTECH IN COMPUTER SCIENCE  
Expected Jun 2021 | Udaipur

## LINKS

Portfolio:// [MuditJain](#)

LinkedIn:// [MuditJain](#)

GitHub:// [MuditJain](#)

## COURSEWORK

### UNDERGRADUATE

Design and Analysis of Algorithms  
Data Structures  
Database Management Systems  
Operating Systems  
Object Oriented Programming  
Computer Networks  
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Intermediate:

- Python
- C/C++
- MySQL

Familiar:

- Java
- HTML
- CSS
- YAML

### OPERATING SYSTEMS

- Linux/Unix
- Windows

### TOOLS & TECHNOLOGIES

- Scikit-learn
- OpenCV
- Keras
- Git/GitHub
- Amazon Web Services (EC2)
- Django

## EXPERIENCE

### ADHOC NETWORKS | MACHINE LEARNING TRAINEE

June 2019 - Jul 2019 | Jaipur, India

- Learned and worked on various technologies including Machine Learning, Computer Vision, Docker and Amazon Web Services (EC2).

### DELL | CAMPUS AMBASSADOR

January 2019 - June 2019 | Udaipur, India

- Promoted Dell Brand in college campus and organized various fun events for promoting Dell products.

## PROJECTS

### BOARD GAME REVIEW PREDICTION

- Used a linear regression model to predict the average review a board game will receive based on characteristics such as minimum and maximum number of players, playing time, complexity, etc.

### CREDIT CARD FRAUD DETECTION

- Used a dataset of nearly 28,500 credit card transactions and multiple unsupervised anomaly detection algorithms and identify transactions with a high probability of being credit card fraud. Used two machine learning algorithms- Local Outlier Factor (LOF) and Isolation Forest Algorithm

### TEXT CLASSIFICATION WITH NLTK AND SCIKIT-LEARN

- UCI Machine Learning Repository. It contains over 5000 SMS labelled messages that have been collected for mobile phone spam research pre-process the data applied feature engineering and then applied SVM.

### DEEP LEARNING BASED OBJECT RECOGNITION MODEL

- Used CIFAR-10 dataset of Keras to train a Convolutional Neural Network for recognition of objects of 10 classes.

## EXTRA-CURRICULAR ACTIVITIES & ACADEMIC ACHIEVEMENTS

### ADHACK 5.0

- Winner of Ad-hack 2019 hackathon out of 25 teams.

### PROGRAMMING CLUB

- Main Coordinator at Programming Club, CTAE and did following things:
  1. Developed team projects.
  2. Delivered seminars and organized workshops.

### INTEL EDGE AI SCHOLARSHIP

- Selected for Intel Edge AI Scholarship by Udacity.

### NATIONAL SERVICE SCHEME

- Student Volunteer for every session & special camp.