# Anmol Deep

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## EDUCATION

### IIT GUWAHATI
B. Tech. in Mech. Engg.
Minor in Product Design
2016-20

### HELLENS SCHOOL
10+2, CBSE
2014-16, Sitamarhi
93.2%

### D.M.P. SCHOOL
10, CBSE
2013-14, Patna
10 CGPA

## LINKS

Github:// **adsk2050**
LinkedIn:// **anmoldeep1**

## COURSEWORK

### UNDERGRADUATE
Operations research
Product planning & strategy
Product design
Design management
Data structure lab w/OOP
Artificial intelligence

### MOOC
Natural Language Processing
Recommender systems
TensorFlow
Deep learning, FSDL
Machine learning
Qualitative Research

## SKILLS

Data Science
Pandas • OpenCV • PySpark SQL
MlLib • TensorFlow • nltk • sciPy •
Scikit-Learn • MLFlow • Azure •
Databricks • Excel
Programming Languages
Python • Scala*
Data Mining
Scrapy • Selenium • XPATH
Web Development
Django • Bootstrap • HTML • CSS •
JavaScript • Git • Bash (Linux)
Soft Skills
Interviewing • Secondary Research
Patent Analysis • Gamification

## EXPERIENCE

### NLP ENGINEER  | Insurance Samadhan
Sep 2023 - Present | Delhi NCR
- Review existing rule based system, refactoring.
- Set up labeling interface for Layout model training data generation.

### SENIOR ASSOCIATE  | IPAC
Sep 2022 - Aug 2023 | Bihar

- Used OpenCV, tesser-ocr, sciPy to extract and post-process Hindi text.
- Literature review of LayoutLM, LayoutXLM and LiLM.
- Performed extensive data mining.
- Interviewed 500 people, Drafted AC/PC reports.
- Devised a novel approach for Caste composition calculation.

### DATA SCIENTIST  | Tata Digital
Aug 2020 - Sep 2022 | Mumbai/WFH

- Collaborative filtering recommendations for electronic products.
- Similar fashion product recommendation and complete the look using Computer Vision(AI) and ANN search.
- Personalizing customer journey on TataNeu.
- Top performer. Promoted after one year.
- Recommender to suggest fashion products to buy next.
- Analytics pipeline for TataCliq - RFM, Churn & CLTV prediction.
- Built tool to demo recommendation models, increased efficiency by automation.
- Set up and deployed image labelling (annotation) platform.

### WEB DEVELOPMENT INTERN  | Mechanical Department, IITG
May 2019 – July 2019 | Guwahati
- Developed the website of Mechanical department. [visit]
- Used Wagtail framework for backend, Bootstrap for frontend.

## PROJECTS

### PERSONALIZED RECOMMENDATIONS AT SCALE  | Co:Rise
July 2022 |Co:Rise
- Implemented two tower model for Candidate generation using tfrs and a multi task ranking model for Re-Ranking.
- Built a contextual multi armed bandit model with epsilon-greedy policy.

## POSITIONS OF RESPONSIBILITY

### SENATOR  | Students' Gymkhana Council (S.G.C.)
April 2018 – March 2019 | IITG
- Worked on Maintenance, Mess management, Council finance.
- One of seven elected representatives of undergrads in the council.

## ACHIEVEMENTS

| 2016 | 2910 (GEN) | JEE Advanced qualified. |
|------|------------|-------------------------|
| 2016 | State merit list | NSEP(National Physics Olympiad - INPhO Stage 1). |
| 2016 | State merit list | NSEC(National Chemistry Olympiad - INChO Stage 1). |