

# 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  
Machine learning  
Qualitative Research

## SKILLS

Data Science  
Pandas • OpenCV • PySpark SQL  
MLlib • TensorFlow • Scikit-Learn  
Azure  
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  
MS Office  
Excel • PowerPoint

## EXPERIENCE

### SENIOR ASSOCIATE | IPAC

Sep 2022 - Present | Bihar

- Used OpenCV, tesseract-ocr 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 2021 - 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.

### ASSOCIATE DATA SCIENTIST | TATA DIGITAL

Aug 2020 - Aug 2021 | Mumbai/WFH

- Personalizing customer journey on TataNeu. Top performer.
- 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 tfidf 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	3773 (GEN)	JEE Main paper 1 (B. Tech.) qualified.
2016	State merit list	NSEP(National Physics Olympiad - INPhO Stage 1).
2016	State merit list	NSEC(National Chemistry Olympiad - INChO Stage 1).
2016	751 (GEN)	JEE Main paper 2 (B. Arch.) qualified.