

Hardik Ojha

Data Scientist

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EDUCATION

Indian Institute of Technology Roorkee
Polymer Science and Engineering, B.Tech.

JUL 2018 - MAY 2022

EXPERIENCE

The Splash — Junior Data Scientist

NOV 2020 - PRESENT

Developed a data pipeline to ingest and process product feed.

Developed an overall similarity metric for suggesting top 8 recommendations from nearly 500M different item categories.

Technologies used: Python, SQL, AWS S3, AWS RDS.

signac — Project Committer

OCT 2020 - PRESENT

Responsible for triaging active issues, evaluating code contributions, and working on the roadmap for the signac framework.

Google Summer of Code, NumFOCUS — Python Developer

JUN 2020 - AUG 2020

Designed and developed a feature for aggregation of workflows which allows users to perform computations over subsets of signac data space.

Refactored core data structures and internal API to allow for greater flexibility in task execution and computational efficiency.

Technologies used: Python, Jinja.

IIT Roorkee — Machine Learning Research Intern

JAN 2020 - JUL 2020

Produced mathematical equations using Genetic Programming to suggest best environmental parameters for pretreatment of algal biomass.

Developed a forecasting model for predicting the possibility of algal bloom in Lake Erie, North America.

Technologies used: Python

SKILLS

Python, SQL, C++, JAVA, XML
NumPy, matplotlib, pandas,
TensorFlow, Keras, OpenCV,
Jupyter-Notebook
MATLAB, Octave, Excel
Linux, Windows
AWS S3, AWS RDS, pgAdmin

Coursework

[Google IT Support](#)
[Machine Learning](#)
[Deep Learning Specialization](#)
[Data Analytics for Business](#)
[Blockchain Basics](#)

Additional Experience

Teaching Assistant: C++ and
Numerical Methods

Android Application
Developer: Thomso, IIT
Roorkee

Leadership Positions

Student Mentor

Organizing Committee
Member, Thomso IIT
Roorkee

Maintenance Council
Member, IIT Roorkee

Cultural Council Member, IIT
Roorkee