

RITABRATA NAG

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OBJECTIVE

I'm a highly motivated Computer Science Engineer, always looking to learn more skills and utilize said skills in my field of work. My proficiencies lie in ML, DL and Cloud Technologies, DSA, however every field in Computer Science captures my interest.

EDUCATION

- **Dayananda Sagar College of Engineering**
2019-23
BE (Information Science Engineering)
9.25
- **Narayana School, Siliguri**
2018
CBSE (XII)
91%
- **Don Bosco School, Siliguri**
2016
ICSE (X)
92%

EXPERIENCE

- **Graype Systems - WinkJS**
January 2022 - April 2022
GitHub Extern '22
Made contributions to the WinkJS Open Source project, an NLP library for JS

SKILLS

- C, C++, Java, Python, JavaScript, Bash
- Machine Learning, Deep Learning, Data Science, Natural Language Processing, Big Data Hadoop
- ML, DL Frameworks (Tensorflow/Keras, Pytorch, HuggingFace Transformers, OpenCV, Sklearn, numpy, pandas, matplotlib, etc.)
- AWS, Firebase, Azure, SQL Databases, Data Structures and Algorithms
- DevOps (Git, Docker, Kubernetes, Ansible)
- Linux, Red Hat Linux
- Android Studio, Unity3D

PORTFOLIOS

- Kaggle: <https://www.kaggle.com/ritabratanaag>
- GitHub: <https://github.com/Sno3mahn>
- LinkedIn: <https://www.linkedin.com/in/nritabrata>

PROJECTS

- **CollegeLink**
A platform meant to connect students with like-minded students at the grass roots level.
Link: github.com/hacks-on/collegelink
- **Fake News Detector**
A web based application that detects fake claims made on social media, and presents evidence to justify/debunk the claim.
Link: https://github.com/pururaj987/FakeNews_SIH

- **EtherX**

A dummy \$ETH Wallet made in Android Studio, utilizing the Ethereum Blockchain at the backend
Link: devfolio.co/submissions/etherx-4c76

PUBLICATIONS

- **Cloud Computing and Gaming**

Link: <https://link.medium.com/ZrQ7mENBRjb>

- **Ansible Tower**

Link: <https://link.medium.com/J5kyWIKBRjb>

COURSES

- ARTH: Teacher and Mentor Mr. Vimal Daga
A 10 month training course delving into the different aspects of CS: Cloud, DevOps, DSA, ML-DL, Web Development, Big Data, etc
- Python Data Structures: Coursera
- Deep Learning Specialization by Andrew Ng: DeepLearningAI
- Machine Learning in Python with scikit-learn: FUN MOOC
- Python Django Web Framework: freecodecamp
- Intro to Computer Science - Harvard CS50: freecodecamp
- Flutter Course: freecodecamp
- OOP in C++: freecodecamp

ACTIVITIES

- HackNPitch 2021: Created a platform for college students to connect with each other for group participation in events and projects
- YeAH 2021 (Yet Another Hackathon): Created a dummy Ethereum wallet
- Smart India Hackathon 2022 (Intra-College Round): Created a prototype of a Fake News Detection system.
- Kickstart Hackathon 2019: Created a VR app on Unity3D