

Rajwrita Nath

+91 98362 83445 | rajwrita.com | rajwritanath@gmail.com |
linkedin.com/in/rajwrita | github.com/Rajwrita |

EDUCATION

Bachelor of Technology <i>Computer Science Engineering</i> <u>SGPA: 8.14, 9.0, 9.45, 10.0, 9.88, 9.59, 9.34</u>	July 2018 – June 2022
Netaji Subhash Engineering College, MAKAUT affiliated	Kolkata, India
Higher Secondary <i>Major: Statistics</i>	Jan. 2016 – Jan. 2018
Carmel High School	Kolkata, India

EXPERIENCE

Data Scientist - Regulatory Genome Project	Jan. 2022 – June 2022
Classifying and extracting data from regulatory information for building solutions for Mastercard	Cambridge, England
Data Engineer and Analyst - Headout	Dec. 2021 – Present
Building data models, compiling data sources, and working on product data structure to analyse growth	Bangalore, India
Research Intern- under Dr. Piyali Chatterjee	May. 2022 – Present
working on Bioinformatics Journal for PPI prediction under Oxford Academic	Kolkata, India
Moderator- Manning Publications	April 2020 – Present
Machine Learning and Deep Learning titles on Livebook platform	New York, United States

SKILLS

Courses: Data Science, Python Scripting, Data Structures and Algorithms, Database Management System, Operating System, AI, OOP, Discrete Mathematics, Statistics, Computer Networking, SQL, IT and Project Management
Programming: Python, Java, C, Dart, C++
Tools: BigQuery, DBT, Airflow, GIT, Procreate, Adobe XD
Soft Skills: Leadership, Public Speaking, Technical Writing, Event Management

PROJECTS

Build data models for driving organic growth at headout	Jan 2020
Used multiple SEO inspection APIs, connected data from multiple sources, created visualisation.	
Using Classification Algorithms to generate negative PPI dataset	June 2021
Using sub-cellular locations and pattern analysis to determine data set for negative protein protein interaction.	
Image Segmentation on MRI images	May 2020
Brain Tumor Auto-Segmentation for Magnetic Resonance Imaging using 3D U-net model	
Anomaly Detection based on unsupervised learning	Jan 2020
Uses Isolation Forest and K Means Clustering Algorithms, PCA. Detects glitches and alerts via email.	

HONORS AND AWARDS

Top 10 teams (Category: Digitalization) in Grand Idea Challenge, ISB AIC)	June. 2021
Selected for the final pitch round for the startup idea- Zusa	
Lead at Google Developers Students Club- NSEC	Aug. 2020
Conducted online and offline technical workshops, leading a team of 9000 student developers	
Google Women Techmakers Scholar	July 2020
Selected and recognized as one of the 50 scholars from APAC by Google	
Gold Medalist in International Informatics Olympiad	Jan 2012
1st position holder in class and 26 state rank	

VOLUNTEER EXPERIENCE

Organizing team member at Google Developers Group - Kolkata
Organized events, conducted workshops and delivered sessions impacting over 6000 developers

Core team member at Women Techmakers - Kolkata
Participated and organized events, encouraging women developers to rise and perform in tech spaces.