

# Rajwrita Nath

+91 98362 83445 | [rajwrita.com](http://rajwrita.com) | [rajwritanath@gmail.com](mailto:rajwritanath@gmail.com) |  
[linkedin.com/in/rajwrita](https://linkedin.com/in/rajwrita) | [github.com/Rajwrita](https://github.com/Rajwrita) |

## EDUCATION

<b>Bachelor of Technology</b>   <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
<b>Higher Secondary</b>   <i>Major: Statistics</i>	Jan. 2016 – Jan. 2018
Carmel High School	Kolkata, India

## EXPERIENCE

<b>Data Scientist - Regulatory Genome Project</b>	Jan. 2022 – June 2022
Classifying and extracting data from regulatory information for building solutions for Mastercard	Cambridge, England
<b>Data Engineer and Analyst - Headout</b>	Dec. 2020 – Present
Building data models, compiling data sources, and working on product data structure to analyse growth	Bangalore, India
<b>Research Intern- under Dr. Piyali Chatterjee</b>	May. 2022 – Present
working on Bioinformatics Journal for PPI prediction under Oxford Academic	Kolkata, India
<b>Moderator- Manning Publications</b>	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

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

## HONORS AND AWARDS

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