Ananta Dey
Roll No.:222123009
M.Sc - Mathematics and Computing
Indian Institute Of Technology, Guwahati

+91-7602635633
d.ananta@iitg.ac.in
ksadey1972@gmail.com
linkedin.com/in/ananta-dey/

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Sc	Indian Institute of Technology, Guwahati	7.5(Current)	2022-Present
B.Sc.	Visvabharati University	8.82	2019-22
Senior Secondary	Visvabharati University	94.83%	2019
Secondary	CBSE Board	95.00%	2017

PROJECTS

- **Rice Field Detection and Yield Prediction** *May,2023 and present*
  Dr.Palash Ghosh, Department of Mathematics, IIT Guwahati Github
  – Building a Rice field detection model using Sentinel 1 and 2 satelite data
  – Rice harvesting can be identified by Normalized Difference Vegetation Index (NDVI) time series
  – 3 Differnt type of Rice yield prediction over districs of Westbengal
  – Tool and Technology used: Python, Machine Learning, Google Earth Engine

TECHNICAL SKILLS

- **Programming**: Python, C/C++, Java
- **Web Technologies**: HTML, CSS, Java script, Word, Excel, PowerPoint
- **Operating System**: Windows, Linux*
- **Database Management**: MySQL*, MongoDB* ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Discrete Mathematics, Probability Theory, Optimization Techniques, Differential Equation, Numerical Analysis, Mathematical Statistics, Mathematical Finance
- **Computer Science:**: Computer Programming, Data Structures and Algorithms, Database Management Systems, Theory of Computation
- **Analytics**: IITG Machine Learning and AI, Summer Analytics IITG(2023)

POSITIONS OF RESPONSIBILITY

- **Student Representative**, Visvabharati University (2020-22) *Jan. 2020 - Apr. 2022*

ACHIEVEMENTS

- **School level chess Competition(state level under 19)**,Secured 3rd position in the Patna Region level contest. *2017*
- **Joint Entrance Examination**,AIR 69 in JAM *2022*