

Rujul Dwivedi

Indian Institute of Technology, Goa

Third Year **Undergraduate, Mathematics and Computing**

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Education

BTech, Mathematics and Computing , Indian Institute of Technology Goa	CGPA : 6.31/10	2021 – Present
Class 12, ISC , City Montessori School, Lucknow	Aggregate: 97.25 %	2007 – 2021

Projects

TensorFlow Model [GitHub]	(Sept 2023 – Oct 2023)
<ul style="list-style-type: none">Aim of the project was to create a real-time object detection and classification system using TensorFlow program consisting of Graphical User Interface(GUI).Used important concepts of Machine Learning, Deep Learning and Neural Networks.	
Small Independent Python Collab/Jupyter Projects for Analyzing Probabilistic Models [GitHub]	(Nov 2022)
<ul style="list-style-type: none">Solved many probabilistic models using Google Collab and Jupyter NotebooksProgrammed in Python using matplotlib, numpy library.	
Built a Sample Website for College using HTML, CSS and JavaScript [GitHub]	(Jan 2022)
<ul style="list-style-type: none">Basic Content Scripting using HTMLBasic Content Visualisation using CSSBasic Content Interaction using JavaScript	

Skills

Programming Skills:	C, C++, Java, Python
Relevant CS Coursework:	Data Structures, Algorithm Design and Analysis, Machine Learning, Artificial Intelligence, Operating Systems
Machine Learning:	TensorFlow, PyTorch, Scikit-Learn, Data Wrangling (ETL)
Mathematical Framework:	Probability and Statistics, Calculus, Real and Complex Analysis, Discrete Mathematics, Linear Algebra
Additional Skills:	Good Communicator, Technically Sound and Analytically Strong

Positions of Responsibility

Team Captain:	Team Captain of IIT Goa Football Team and IIT Goa Chess Team, handled all the issues related to the team in our college	(2022 – Present)
Music Club:	Core Member of Orion, IIT Goa, Music Club	(2021 – Present)
Photography Club:	Core Member of Originals, IIT Goa, Photography Club	(2021 – Present)

Achievements

Secured 5276 All India Rank in JEE Advanced and 8063 All India Rank in JEE Mains.	(2021)
Secured 97.25 percentage in class 12th with perfect scores in Mathematics and Computer Science.	(2021)
Cleared NTSE Stage 1 and District Level INMO.	(2020)

Extracurriculars & Hobbies

- Playing Chess and Guitar, also was selected for Football for Inter IIT Sports Meet, 2023 and Aavahan, IITB sports festival
- Helped in hosting several events in college (Cultural Fests, Independence Day, Republic Day etc) and organizing several talks