



ANIMIKH ROY

ASTROPHYSICIST & AI CONSULTANT

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PROFESSIONAL SUMMARY

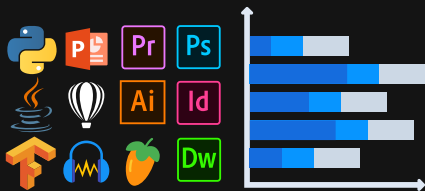
AI Consultant & Astrophysicist at the University of Sussex in England with passion & expertise in interdisciplinary applications of Physics & Technology leveraging AI, ML, Topology & Data Science with special focus on **Generative AI Models**.

A Transhumanist thinker with **Kinesthetic Synaesthesia** & a **Mensa IQ score of 149**. I aim to pursue academic research in **Gravitational Wave Astronomy** with **LIGO** while contributing towards the understanding of **"Dark Matter"** and making humankind an interplanetary species.

PERSONALITY



SKILLS



PROGRAMMING

- Mathematica ★★★★★
- Matlab ★★★★★
- LaTex ★★★★★
- Python, TF ★★★★★☆
- HTML, CSS, JS ★★★★★

WORK EXPERIENCE

CO-FOUNDER & CHAIRMAN

Wishtales Inc. (2023-Present), Delaware, USA/Bangalore, IND

Executive Leadership: Responsible for Product Conceptualization, Business Leadership & LLM AI Pipeline Development of Generative AI SaaS Product: www.wishtales.ai

PRODUCT ARCHITECT & LEAD CONSULTANT IN AI R&D

Integra Micro Systems - BOT AI ML (2019 - Present) Bangalore, IND

Leads AI Initiatives+Projects involving ChatBots, Vision, NLP, RPA, Generative AI & Data Science: Team Lead responsible for Product Development & R&D, Customer Engagement & Marketing of Banking Bots + Virtual Assistants (with Robotic Process Automation for Industry 4.0) combining cutting-edge research & ergonomic UI/UX Designs.

SENIOR LEAD IN DATA SCIENCE R&D (CONSULTANT)

BIRDAanalytics.ai (2018- 2021), California, USA

Data Science & Big-Data Analytics: Responsible for R&D in AI & ML, product roadmap, technology and features for product development based on latest advances in AI driven Big-Data Analytics & Data Science.

EDUCATION & ACCOMPLISHMENTS

UNIVERSITY OF SUSSEX (UK)

M.Sc. + Graduate Student of Astronomy (2016 - Presently Visiting Research Fellow IUCAA, Pune, India)

- Ranked **1st with Highest Distinction in Astronomy** & Total Aggregate: 88% (GR, EU, etc.)
- **Original Scientific Concept** in Topology, ML, Data-Science & Astronomy: **R-K Diagrams**
- Original Thesis on GW, LIGO, TDA, Primordial Black Holes & Dark Matter
- Fields of Expertise : Black Holes, Dark Matter, GW-LIGO Data Analysis, ML & TDA

NATIONAL INSTITUTE OF ADVANCED STUDIES-IISC (BANGALORE)

Mani Bhaumik Research Fellow (2014-2015)

- Ranked **1st with 100 percentile marks as youngest Mani Bhaumik Fellow**
- Interdisciplinary research in Astrophysics, Quantum Mechanics, AI & Computational Neuroscience (with experimental internships at NCBS-TIFR,) + poster in Nature India (January, 2016); Cosmology internships at IISc, Bangalore & IACS, Kolkata

ST. XAVIER'S COLLEGE (KOLKATA)

B. Sc. Physics (Hons.) (2010-2013)

- **Student President**, Science Association
- **Student Convener**, Department of Physics & Astronomy
- **Chief Organizer** & Event Manager: Seminars & Fests, St. Xavier's School & College
- **Debate + Elocution Champion & Piano Gold Medalist** (Royal School of Music UK)

UDEMY + COURSERA COURSES COMPLETED

PowerBI, Big-Data Analytics, Machine Learning, Deep Neural Networks & GitHub

CORE STRENGTHS

I am most proficient at STEM oriented R&D, public speaking, product presentations, public relations, lead generation, organization, customer management & multitasking. I am also passionate about art, poetry, photography, music production & video-editing.