Paarth Minear

Roll No. 220122040
B.Tech - Chemical Science and Technology
Indian Institute Of Technology, Guwahati

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7 (Current)	2022-Present
Senior Secondary	CBSE Board	93.4%	2021
Secondary	ICSE Board	94.4%	2019

EXPERIENCE

- **Research Intern in Machine Learning and Fuzzy Systems** — *May 2024 - July 2024*
  Prof. Frank Chung-Hoon Rhee, Hanyang University (ERICA Campus) — Ansan, South Korea
  - Interpreting research gaps and analyzing research papers based on **Fuzzy C-Means** and **Granular Clustering.**
  - Developing an novel FCM algorithm to significantly **reduce time complexity** while **enhancing overall accuracy.**
  - Achieved an efficiency of approximately **95%**, surpassing the conventional method by a significant margin.

- **Marketing Consultant Intern** — *May 2023 - July 2023*
  Growithus — Hybride
  - Analysed **industry trends**, **competitor analysis**, and **consumer behavior** to provide insights for marketing strategies.
  - Assisted in planning and executing marketing campaigns, ensuring alignment with objectives and timelines and also analyzing metrics, and **providing data-driven optimization** recommendations. **which boosted ROI by 25%.**

PROJECTS

- **Consulting Analysis on the Commercialization of Space Travel** — *Jan 2024 - Apr 2024*
  Techevince 10.0 and Consulting and Analytic Club, IIT Guwahati — Report
  - Investigated the emerging space tourism market,**analyzing commercial viability, pricing dynamics, price elasticity, and re-usability impacts**, while addressing the sector's transition from government-led to private enterprise.
  - Drew parallels between airline industry development and space travel, **projecting growth and key challenges**.
  - Awarded, **The Audience Choice Award** at **Techevince 10.0**, in recognition of exceptional achievement and innovation.

- **Product Paradigm to improve North Star Metric** — *Mar 2024*
  Kriti Inter-Hostel Technical Meet, IIT Guwahati — Report
  - Led a 4-member team in developing product strategies to **enhance Booking.com's Android app North Star Metric.**
  - Developed and **launched three innovative product features** based on market research and competitor analysis to improve user experience and satisfaction also **defined and optimized metrices** to align with long-term business goals.

- **AI Image Classification App** — *May 2024 - Jun 2024*
  Coding Club, IIT Guwahati — Report
  - Developed a **Streamlit** interface with the **InceptionV3** pre-trained model for real-time image classification, achieving **90% accuracy** and **91% precision**. Optimized model inference time to ensure **responsive real-time performance.**
  - **Selenium** for **data scraping** and applied **SMOTE** to address class imbalance, enhancing classifier accuracy.

POSITIONS OF RESPONSIBILITY

- **Joint General Secretary**, Sports Board, **Student Gymkhana Council** IIT Guwahati — *Apr 2024 - Present*
  - Currently oversee **22 Sports Board members**, managing all campus sports events and operations for **8000+ students**.
  - Implement outreach initiatives to **boost student engagement in sports**, fostering a culture of wellness and teamwork.
- **Squash Club Secretary**, Sports Board, **Student Gymkhana Council** IIT Guwahati — *Apr 2023 - Mar 2024*
  - Led campus **squash court refurbishments**, overseeing renovations and improvements to elevate facility standards.
  - Conducted **three skill development workshops**, engaging **150+ students** to promote squash culture during my tenure.
  - **Awarded as Best Secretary** during National Sports Week for exemplary leadership and contributions to club success.

ACHIEVEMENTS AND EXTRACURRICULAR

- **Creative Shock**: Secured **Global rank 56** out of 88 countries in the International Business Case Competition. *2023*
- **Trading Strategy Challenge**, Secured **2nd rank** in Inter Hostel Tech Event (Kriti), IIT Guwahati — *2024*
- **Product Management**, Secured **2nd rank** in Inter Hostel Tech Event (Kriti), IIT Guwahati — *2024*
- **JEE Advanced**: Ranked amongst the top **0.85%** percent amongst **1.1 Million** candidates across the nation. — *2022*
- **Squash (U-17) Nationals**,Secured **Gold Medal,** School Games Fedration of India tournament, Chandigarh — *2019*
- **Debating Competition**,Secured **2nd Rank** in Inter-Hostel Cultural Event (Manthan), IIT Guwahati — *2023*

SKILLS

- **Cosulting**: Market and Consumer Insights Research, Strategic Analysis, Corporate Finance.
- **Tools and Frameworks**: Numpy, Pandas, Matplotlib, SciKit Learn, Porter's Five Forces, McKinsey 7S Framework
- **Others**: C/C++, Python, HTML, CSS, Javascript, MS Excel, MS Powerpoint, Product Research, Figma, Cava