Jyotiraditya Sikder

Roll No.:2021A1PS2504H
B.E.Freshman and Chemical Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E. Major	Birla Institute of Technology and Science, Pilani	0.00 (Current)	2021-Present
Senior Secondary	CBSE Board - Physics, Chemistry & Maths	91.4%	2020
Secondary	CBSE Board	89.7%	2018

EXPERIENCE

- **Tech Analogy** — *Sept. 2021 - Nov. 2021*
  Intense Industrial Software Development — Online
  - Personal Portfolio
  - Employee contact directory
  - Youtube Clone

SELECTED PROJECTS

- **Facial Recognizing Application** — *April 2021*
  GUVI India | IIT Madras — Certificate
  - AI Based Stone Paper Scissor
  - Check if a person is wearing a Mask or not

- **Gravimetric Detection of Earth's Rotation Using Smartphone** — *March 2018 - April 2020*
  Anecdata.org — IEEE Paper
  - Collected data from different locations.
  - Made appropriate mathematical calculations before submission.

- **Paper on habitability of 1000 people on Mars** — *Aug. 2018 - April 2019*
  The Mars Society — Call Letter
  - Call for Papers at Mars Society Convention
  - Couldn't attend physically due to some reasons.

- **Autonomous AI Based Chat-Bot** — *March 2017 - October 2018*
  Personal Project
  - HTML and Javascript based Chat Bot.

TECHNICAL SKILLS

- **Programming**: C/C++, HTML/CSS, MERN Stack
- **Software**: Adobe Photoshop, AutoCAD, Figma, VS Codes   ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, Multi Variable Calculus, Basic Permutation & Combination, Basic Probability
- **Online Courses**: Rocket Propulsion - NPTEL, IIT Madras; Principles of Chemical Science - MIT OCW; How things Work in Physics - Coursera, University of Virginia

POSITIONS OF RESPONSIBILITY

- **Indian National Coordinator**, Scientist for a Day, NASA — *Dec. 2019 - May. 2020*
- **Indian Ambassador**, International Astronomy and Astrophysics Competition — *Feb. 2018 - Present*
- **Science Exhibition Coordinator**, Bhavans Gangabux Kanoria Vidyamandir — *Sept. 2018 - Dec. 2018*

ACHIEVEMENTS

- **Guinness World Record Participant**, GUVI Networks, IIT Madras — *2021*
- **Winner**, Sintilation Feast, Calcutta University — *2018*
- **First Runner Up**, National Quiz, ISRO (VSSC) — *2018*
- **Professional - Sustainable Development**, Embry Riddle Aeronautical University — *2018*