Astha Varshney

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EDUCATION

Institute	Examination	Year	Grade
Indira Gandhi Delhi Technical University for Women	B. Tech in Computer Science & Engineering	2021-Present	/10.00
Vivekanand School, Anand Vihar, Delhi	Class 12th – CBSE (Science with Mathematics)	2021	**97.4%**
Holy Angels' Sr. Sec. School, Sahibabad, U. P	Class 10th - ICSE	2019	**97.0%**

TECHNICAL SKILLS

C++, Java; Machine Learning-Python; Android Development- Flutter, Dart; Web Development-HTML, CSS, Bootstrap

EXPERIENCE

E-cell, IIT Bombay | Entrepreneurial Campus Ambassador | Mumbai   **July 2022 – Present**
• Promote and represent the university by being the **initial point of contact** for prospective students in the events organized by IIT, Bombay
• **Leverage social media** tactics to drive traffic and attention towards entrepreneurial competitions and fests organized by E-Cell, IIT Bombay

Rotaract District 3011 | District Editorial Committee Chair | Delhi   **July 2022 – Present**
• Ensure the activities and events conducted by the district are presented in the best possible way in the **72 Rotaract clubs** under the district
• Contribute to proposing ideas to enhance knowledge and understanding of the needs of the community. Also, ensure their smooth execution

Centre of Excellence-AI, IGDTUW | Research Trainee | Delhi   **June 2022 – Present**
• Learned crucial concepts of **machine learning** using python and understood the industrial perspective on the broader applications of **AI & ML**
• Co-authoring a **research paper** to publish our findings and results on the project: **Heart Failure Prediction using Machine Learning**

Flurno- An ed-tech Startup | Outreach Intern | Delhi   **February 2022 – March 2022**
• Created and designed engaging **technical content** to promote services of the company and used **email marketing** tactics to maximize reach
• Connected and regularly communicated with lead prospects for **lead conversion** by ensuring their complete knowledge about the subject

PROJECTS

Roommate Pairing | Android application | Celestial Biscuit, IGDTUW   **June 2022 – Present**
• Collaborating in a team of 6 to build a **roommate pairing system** using **Flutter**, to be used by the universities in the process of hostel allotment. The application is a **tinder-styled application** with the features of card-stack, instant matches, chat, swiping, and block/restrict.

Heart Failure Prediction | Machine Learning project | COE, IGDTUW   **June 2022 – Present**
• Worked in a team of 2 to predict heart failure accurately using ML algorithmic models. Achieved an accuracy of **87.3%** which is **higher** than in any published paper regarding the same. Work on the **research paper** is in progress for the publication of the results and findings.

LEADERSHIP & VOLUNTEER EXPERIENCE

Innerve | Head Coordinator | IGDTUW   **August 2022 – Present**
• Selected to be the head coordinator of the **Human Resources** Team and the **CS/IT** Team in the **Techfest- Innerve** to be held in September'22

Minerva- Virtual Tech Forum | Research Associate | IGDTUW   **March 2022 – Present**
• Collaborate in a team of 5 to research and gather opportunities for **Women in Technology** pursuing their undergraduate degrees in STEM
• Write **articles** on academics, soft skills, technology, and hard skills, and Copywrite newsletters for all the sessions conducted by Minerva

Enactus | Project Dharini- Member | IGDTUW   **February 2022 – Present**
• Educated people about **gender-inclusive menstruation**. Working on a **web app** for menstruators to connect with gynaecologists and counsellors and get instant and legitimate solutions to period problems they face. The project received funding of **Rs 25000** from Enactus India

Academic Tutor | Sahibabad, Uttar Pradesh   **October 2020 – Present**
• Provide one-on-one **student tutoring** and academic support to high school students in **Mathematics** and **Science**. Help them understand and learn new concepts. Also, supervise and oversee their **time management** and **day-planning** to increase efficiency and productiveness.

HONORS & ACHIEVEMENTS

Kalpana SHE'22 Fellow | VigyanShaala International   **July 2022 - Present**
• Received 100% scholarship for their career development and **mentorship** program that enables fellows to chart various career paths in STEM
• Designed by scientists and techies from leading global universities, it is a two-level program comprising of **Kalpana Incubator & Accelerator**

FFE Amazon'22 Scholar | Foundation for Excellence   **March 2022 - Present**
• Received **Rs. 40,000** scholarship money from **Amazon** for the academic year 2021-2022 for excelling in national level entrance examinations
• Includes assistance in training and mentorship sessions from industry experts, and advice forum from a vast network of donors and alumni

Harvard WECode'22 Scholar | Harvard University   **February 2022**
• Received 100% fully funded scholarship to attend World's most prominent student-run **Women in Tech conference** by Harvard University.
• Attended technical sessions, and keynotes by speakers. Formed connections by networking, and participated in career-enhancing workshops