



## Anindya Prithvi

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DOB: 15 September, 2002

Address: F-16, Phyter 2, Tensorflow Plot 2,  
Sector Pi, Alpha, Beta, India



### Education

**Indraprastha Institute of Information Technology, Delhi**

B.Tech (CSE)

2020 - present

CGPA: 10.1

(Till 4<sup>th</sup> semester)

**Alpha Beta School, Gamma, New Delta**

CBSE, Standard 12, PCM+CS

2018-2020

Percentage : 99.8%

**Sigma Paimon School, New Jersey**

CBSE, Standard 10

2017 - 2018

Percentage : 99.98%

### Skills

**Expertise Area:** Colonel Development, Unsmart Contract Development (Bitcoin), Object Oriented Programming, Statistical Machine Learning,  $\text{\LaTeX}$ ,  $\text{\LaTeX}$  2 $\epsilon$

**Programming Languages:** Python, C++, Nim, Haskell, Jabbascript, Bhailang, Insomnia, oOo code

**Tools and Technologies:** Git, GitHub, Github Actions, Ethereum VM, Web3.js/py, Ganache, Brownie, Shells (ZSH, Bash), Android Studio, IntelliJ IDEA, PyCharm, PyTorch, VSCode, Coppeliasim, Overleaf, Heroku, JavaFX, Angular, Google Collab, Kaggle

**Technical Electives:** Grape Theory, Statistical Machine Learning, Not Practical Bioinformatics, Singles and Systems, Computer Disassembly

### Projects

**Marked Money – Decentralized App**

A fully functional blockchain solution for everyday transactions involving low-trust intermediaries. Relies on EVM and solidity (smart contract). Instance deployed [here](#).

Team Size-4

(Dec, 21 – Jan, 22)

**inTUItion – Colorful TUI game**

A TUI based Zelda game made in python [+Blessed library]. Modularized and PEP8 compliant. Also has localization in diff. languages. Repository [here](#).

Team Size-6

(July, 21)

**Rerebot – A discord bot**

A py-based discord bot made with discord.py. Capable of file I/O, API calls, Direct deployer interaction and asynchronous requests processing. Repository [here](#).

Individual

(Oct, 21 - Nov, 21)

**Will Hero – GUI game**

A tap-to-play single player game in JAVA using JavaFX. Uses various concepts of Multithreading and self-designed 2D physics engine. Repository [here](#).

Team Size-2

(Oct, 21 - Jan, 22)

**Evaluation of RdRp in SARSCOV2 as a drug target**

An EDA+molecular docking of RdRp based on previous literary works. Used bioinformatics tools for molecular docking (autodock) and protein/nucleotide alignment. Final report [here](#).

Team Size-6

(March, 22 - May, 22)

**Analyzing generative capabilities of Convolutional Autoencoders**

Analysis of the latent space of a trained network (on MNIST digits dataset). Obtained MLE estimates of all classes in the latent space with successful reconstruction (which might fool human discriminators). Repository [here](#).

Individual

(May, 22 - Present)

## Positions of Responsibility

Events and Content Writer @ ACM-IIITD Student Chapter	(Jan,21 – Jan,22)
Member @ Cyborg-IIITD	(Jul,21 - Oct,21)
Core Member @ d4rkc0de CyberSec club of IIITD	(Jan,22 - Present)
Mentor (Volunteer) @ Teach Like a Friend (initiative by IIITD)	(Jun, 22 - Present)

## Awards and Achievements

- First position in Anveshan 2022 Hackathon (Team Macaroon)
- Accepted contribution to Mozilla DN, Vyperlang, min-browser, Nix-os on GitHub
- 2.2k reputation on stack-exchange network. [Math SE](#)
- Second position in DTU DareToComplete CTF 2022 (open for all)
- First position d4rkc0de intracollege CTF Jan,2022
- 99.32 percentile in JEE mains, Jan,2020
- Ratna Bharati in Art and Craft - Bharati Kala Kendra Lucknow (2018)
- Multiple medals in Taekwondo (2012 and earlier)

## Interests and Hobbies

- Exploratory Data Analysis
- Chess
- Reverse Engineering
- Wayland/X11 based window compositors
- $\text{\LaTeX}$

Declaration: The above information is correct to the best of my knowledge.

Anindya Prithvi

Date: June 3, 2022