

Ayush Dutta

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education.

SRM University Andhra Pradesh

7/2023 – present

Bachelor of Technology (cyber-security specialisation)

Delhi Public School Ruby Park, Kolkata

2021 – 2023

Intermediate, pure sciences

work experience.

Google Developers Student Club (Indian Institute of Technology, Madras)

07/2023 – Present

Mentor - Linux and System Commands

Chennai, India

- Became one of the founding volunteers for GDSC IITM's Linux division
- Hosted seminar on switching to Linux from Windows [seminar link](#)
- Helping guide peers in system commands, scripting and troubleshooting Linux and OS related problems through forums and workshops.

Centre For Drone Technology

08/2023 – present

Computer Vision Researcher

Amravati, India

- Building fine-tuned models for object and person detection and recognition
- Working on edge-based tracking applications
- Got selected in college-based ideathon for SIH-2023 for innovative ideas

Blogger

- Sharing insights on Linux, Cybersecurity and tech hacks

skills.

programming languages

- Python, Bash, Rust, C, lua

web security

- Gobuster, Curl, Wget, Virtual-Box, Burp-Suite, TheHarvester

data science & machine learning

- NumPy, Pandas, scikit-learn, Pytorch, HuggingFace

databases

- MySQL, SQLite

other tools

- Git, GitHub, VS Code, Linux (Arch btw), NeoVim, Docker

projects.

Hand-Gesture recognition [git repo](#)

- Fine-tuned model that can identify hand gestures
- Google Colaboratory, Bash, PyTorch, Roboflow, YOLOv5

Clax.nvim [git repo](#)

- Aesthetic and productive pre-configuration for the Neovim editor
- Lua, Neovim, Packer.nvim

HarleonGPT [git repo](#)

- GPT-3 frontend for the Discord social platform
- discord.py, OpenAi GPT-3, Docker

Password-bounty [git repo](#)

- Extracted passwords from 15 levels of OverTheWire CTF