Yuvraj Singh Chauhan

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Ahmedabad, Gandhinagar, Gujarat

I began coding in Class 6 with C, igniting my passion for computer science. My interest in Artificial Intelligence grew after watching Google I/O in 2017. I've since completed Harvard's CS50, developed various projects in Python and C, explored the Linux kernel. Proficient in C and Python, I also have knowledge of C++, HTML, CSS and JavaScript. I focus on projects that automate tasks or create public impact.

SKILLS

Git and GitHub	Linux Proficiency	Arduino, Raspberry Pi
Python, C and Bash	Cyber Security and Social	Breadboard and Building Circuits
HTML/CSS/JS	Enginerring	Open Source Software

EXPERIENCE

Member   September 2024 - Present
AAVESH IIIT Una - The Technical Club

Contributor and Repository Maintainer   October 2022
Hacktoberfest 2022

ATL Student Lead   2022-23
Podar International School Ahmedabad
- Worked on hardware projects individually and as a team under the guidance of my Physics teacher.
- Learned how to work with different types of hardware resources and lookup documentation and manufacturer specification to create circuits and connections.
- Encouraged young kids and showcased our projects and explained their working to them.

PROJECTS

Arduino RC Car   Nov 2024
Designed and programmed an Arduino-powered RC car for the Robo-Soccer event at TechTatva 2k24, leading our team to victory with custom code and circuit design.

Quadcopter   Sept 2024
Built and successfully calibrated a quad-copter as a team during the Dronetech Workshop conducted by MeitY and NIT Jalandhar

YTMATE   Jan 2024 - Apr 2024
Created a Python Script to download YouTube videos and playlists.

Ultrasonic Radar   Jan 2023 - Feb 2023
Created an ultrasonic radar system in Atal tinkering lab.

Python-SQL Connector   Nov 2022 - Dec 2022
Created a graphical interface to run SQL queries. Used tkinter and MySQL

EDUCATION

Podar International School, Ahmedabad
Grade 12 | 2023
All India Senior School Certificate Examination

Indian Institute of Information Technology, Una
Bachelor of Technology | 2024 - 2028
Computer Science and Engineering(Cyber Security)

CERTIFICATION

CompTIA Security+ Cert Prep 2: Threat, Vulnerabilities, and Mitigations
LinkedIn Learning

Dronetech : Exploring Drone technology ethics and applications
Ministry of Electronic and Information Technology and Dr. B. R. Ambedkar NIT Jalandhar