



TANYA BHARDWAJ

PROFILE

Enthusiastic and detail-oriented Computer Science graduate with a strong foundation in cybersecurity and network programming. Experienced in developing various security-focused tools, including a Proxy Scraper & Hash Cracker, Web Bruteforcer, TCP Port Scanner, and Reverse Shell. Skilled in Python programming, networking protocols, and web scraping techniques, with a passion for learning and applying new technologies. Eager to leverage technical expertise and problem-solving abilities in a challenging role where I can continue to grow my skills and contribute to impactful projects.

CONTACT

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EDUCATION

Bachelor of Computer Application Swami Vivekananda Subharti University, Meerut	2021-2024 CGPA: 7
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PERSONAL PROJECTS

Proxy Scrapper & Hash Cracker

Developed a tool to scrape proxies from the web and implemented a hash-cracking mechanism using various algorithms.

Skills : Web scraping, networking, cryptography, Python, data parsing and storage.

Web Bruteforcer & Client-Server Model

Built a built-forcing tool to test the strength of login credentials, using a custom client-server architecture for distributed attempts.

Skills : Client-server architecture, multithreading, Python/ Socket Programming, Security Principles.

TCP Port Scanner

Created a TCP port scanner to detect open ports on target systems, allowing for network vulnerability assessment.

Skills : Networking, TCP/IP protocols, Socket Programming, Python.

Additional : Ethical Hacking & Cyber Security Mastery Course (Pursing)

TECHNICAL SKILLS AND INTERESTS

Languages : C/C++, Python, Javascript, Html+CSS

Libraries : Python Libraries, React.Js

Web Dev Tools : Nodejs, VScode, Git, Github

Frameworks : React.Js

Relevant Coursework : Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management Systems, Software Engineering.

Areas of Interest : Web Development, Security Researcher

Soft Skills : Problem Solving, Self-learning, Adaptability