Viren Hirpara

Digital Forensics | Cybersecurity | Python Developer
India | Open to Remote / Relocation

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Experience

Technical Operations & Automation Specialist
Tuma Café, UK (2023-2024)

- Developed Python scripts for automation, improving efficiency.
- Configured and maintained secure Wi-Fi and POS ecosystems.
- Streamlined operational analytics through data-driven strategies.

Digital Forensic Analyst Intern
Teesside University, UK (2021-2022)

- Conducted forensic analysis of digital evidence & cyber incidents.
- Implemented security automation using Python & forensic tools.
- Specialized in network vulnerabilities, threat intelligence, and reporting.

Education

Master's Degree: Digital Forensic & Cyber Investigation | Teesside University, UK (Sep 2019 - Aug 2021) | Grade: 180/180

- Specialized in forensic computing, cyber investigations, mobile forensics, and intelligence gathering.
- Developed expertise in identifying, acquiring, and preserving digital evidence for cybersecurity cases.
- Completed coursework in legal frameworks, forensic programming (Python), and advanced crime analysis.

Bachelor's Degree: Forensic Science | Bahauddin Science College, India (Apr 2015 - Mar 2018) | Grade: 7.47/10

- Focused on crime scene investigation, fingerprint analysis, ballistic forensics, and forensic document analysis.
- Conducted practical laboratory experiments on chemical and biological trace evidence.
- Completed a forensic science project involving advanced investigative methodologies.

Skills & Tools

Technical: Python, Digital Forensics, Cybersecurity, Automation, Data Analysis

Tools & Technologies: Autopsy, FTK Imager, EnCase, Wireshark, Flask, Pandas, Git

Soft Skills: Problem-solving, Adaptability, Analytical thinking, Communication

Projects

- **ChameleonResume:** AI-powered resume optimizer - GitHub
- **Python Automation:** Developed scripts for web scraping, data mining, and workflow automation.
- **NoteApp_flask:** Web-based note-taking app - GitHub
- **Data Mining on Ransomware Tweets:** Conducted Twitter-based data mining research.

Certifications

- **Python Developer: Zero to Mastery** - Advanced Python, Flask, APIs, Pandas.
- **Finishing School Training** - Professional skills development & technical expertise.

Languages & Interests

Languages: English (Fluent) | Hindi (Fluent) | Gujarati (Fluent)

Interests: Digital Forensics, Cybersecurity, Python Development, Open Source, Self-improvement