



SAMKIT JAIN

EXPERIENCE

UAV Security and Physical Security Operations Management,

02/2023 - Current

Tech SIS - Jewar, Greater Noida

- Evaluate potential threats and vulnerabilities related to UAV operations
- Develop and implement security protocols for UAV deployment, including pre-flight checks and postflight assessments
- Ensure the security of data collected by UAVs, including access controls and data reporting
- Ensure adherence to DGCA regulations governing UAV operations
- Report and execute incident response plans for UAV-related security breaches or accidents
- Develop and maintain emergency response plans for various security incidents
- Investigate security incidents, document findings and implement corrective actions
- On-ground analysis of technologies, buildings' construction and premises boundaries
- Generation and Issuance of Access Passes and ID Cards using the Genetec Platform along with the Employee Data Management and Technical Access Controls (CCTVs, Bollards, Mantraps etc.)

Technical Locomotive Intern, 12/2022 - 02/2023

Electro Loco Shed - Ghaziabad

- Observe and learn from experienced technicians, gaining hands-on experience with tools and equipment
- Work closely with the maintenance team, communicating effectively to facilitate smooth operations
- Support the checking and testing of various locomotive components (both electrical and mechanical systems), such as traction motors, transformers, pantographs, bogies and battery systems

Technology Research Intern, 08/2022 - 10/2022

Cellular Operators Association Of India - New Delhi

- 5G Technologies and Network Implementation Regulations
- Research in the role of technologies like Big Data, AI in the New Generation Communications System
- Spectrum Allocation and COAI Regulations

Summer Intern, 08/2020 - 10/2020

IIT (BHU) - Varanasi

- Data Science Project for Object (Fruit) Detection and Recognition based on Object Attributes like shape and color using Python

EDUCATION

Bachelor 's Of Technology: Electronics and Communication Engineering, 07/2023

JSS Academy of Technical Education - Noida

CERTIFICATIONS & COURSES

- **Tech Risk and Compliance - OneTrust, DEC 2024,**
Governance: Generation, Upgradation and Assessment of Governance, Policies and Procedures in an Organization on OneTrust Platform., Risk Assessment and Analysis: In-depth learning and hand-on learning of Risk Matrix, Risk Assessment etc., Compliance: Importance of Compliance in any Organization along with the Audit Schemes (Internal or External) on OneTrust Learning Portal.
- **Certified in Cybersecurity - (ISC), OCT 2024,**
Risk Management: Identifying and prioritizing risks to protect assets and ensure compliance., Incident Response: Developing & executing plans to detect, manage, recover from security incidents., Network Security: Securing networks through firewalls, monitoring tools, and best practices., Threat Analysis: Analyzing current and emerging threats to assess vulnerabilities in systems.
- **Junior Cybersecurity Analyst - Cisco Networking Academy, SEP 2024,**
Foundations of cybersecurity and risk management., Understanding various types of cyber threats and attacks., Tools and techniques for monitoring and detection., Incident response procedures and reporting., Vulnerability assessment and management strategies., Best practices for securing networks and systems.
- **GenAI Productivity and Prompt Engineering - Microsoft,**
GenAI Basics and Working Models., Prompt Engineering and Algorithms., Data Classification and Data Training Sets.
- **ICAO Security and Facilitation - Fundamentals of Security Culture, JUNE 2024,**
Importance of security culture in aviation environments., Strategies for promoting awareness and accountability., Implementation of security measures through stakeholder collaboration.
- **NIST Cyber Security Framework - Udemy, JUNE 2024,**
Risk Assessment and Risk Management Methods., Qualitative and Quantitative Risk Assessment., NIST Version 2.0 ~ Identify, Protect, Detect, Respond, Recover and Govern.
- **Digital Forensics Essentials - EC Council, APR 2024,**
Fundamentals of digital Forensics: Legal Aspects and Methodologies., Analysis of evidence and report preparation for court.
- **Zero Trust Principles - IBM, MAR 2024,**
Emphasis on identity verification for all users and devices., Continuous monitoring and least privilege access to secure resources.
- **Introduction to Cybersecurity - Cisco Networking Academy, MAR 2024,**
Core concepts of cybersecurity and threat landscapes., Basic principles of protecting networks and data.