Tushar dhoundhiyal

Security Analyst

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SUMMARY

1.8+ years experienced in Analytics in Cyber Security domain armed with a Masters in Data Science. Passionate Data Scientist with a Batchelor's of Technology in Computer Science and strong expertise in data analytics, visualization, and modeling. Proven track record in implementing security measures and conducting real-world data analysis projects. Proficient in Python, Excel, SQL, Tableau, and machine learning techniques.

PROFESSIONAL SKILLS

Data Analytics | Quantitative Analysis | Artificial Intelligence | Secondary Data Sources | Complex Data Sets | Elastic Search | Statistical Methods | Statistical Modeling | Modeling Techniques | Predictive Modeling |Analyzing Data | Data Collection Systems |Data Manipulation | Data Mining | Data Visualization Techniques | Business Improvements | Sentiment Analysis | NoSQL | Database management | Marketing Mix Modelling | Interpret Data | Dynamic Linear Models | Explain Business Performance | Reporting Automation

TECHNOLOGIES AND LIBRARIES

Languages: Python, R, C++, Java
Libraries: Pandas, Numpy, Matplotlib
Tools: Scikit-learn, Keras, TensorFlow, NLTK, BigMIND, SuperOps RMM, Tableau, Statistics, Physics, Github

PROFESSIONAL EXPERIENCE

Security Analyst   Jan '22 - Present

Hitachi Systems India Pvt Ltd   Gurugram, IN

- Responsible for implementing robust technical security measures for Forcepoint Data Loss Prevention and ensuring **100% compliance**
- Performed cross-functionally to **assess security risks** from huge data incidents, designing solutions that mitigated vulnerabilities
- Contributed to the creation and maintenance of **security policies**, standards, and procedures
- Monitored data security protocols analyzed incidents and then suggest ways to improve security reducing number of incidents by 20%.
- Held employee training sessions, fostering a culture of **security awareness** and accountability

INTERNSHIPS

Python Programming / Data Science Specialization intern   May '22 - Aug '22

EI Systems   Remote

Trained in Data Science and python programming where we developed datasets to train model for healthcare data .

EDUCATION

Certification in Data Science   Aug '23

Simplilearn Certified in collaboration with IBM   Remote

Course Modules:

Data Science with Python | Machine Learning | Deep Learning with Keras and TensorFlow | Data Visualization | Big Data Hadoop and Spark Developer OSL | Data Science with R Programming | Natural Language Processing | Data Modeling

Bachelors in Computer Science   Aug '22

Graphic Era Hill University   Uttarakhand, IN

CGPA: 7.6/10.0

PROJECTS

Projects 1:-   Jul '23 - Aug '23

Weather Prediction Using Large Data sets - Weather prediction using Data in excel sheets to Hire the staffs in Zoo According to the crowd. Python Google Sheets, and Power Bi.

Projects 2:-   Jun '23 - Aug '23

Air Cargo Analysis using SQL - Conducted comprehensive analysis of busy routes for optimized aircraft allocation.

Projects 3:-   Jun '23 - Jul '23

Customer Service Requests Analysis - Utilized statistical analysis, achieved significant p-value of 0.0 for chi-square tests.

Projects 4:-   Apr '23 - May '23

Health Care Heart Disease Prediction - Developed Python-based prediction system with 85% accuracy in diagnosing heart disease.

Projects 5:-   Mar '23 - Apr '23

Sales Analysis Dashboard Using Tableau - Created insightful sales analysis dashboard through Tableau visualization.

Projects 6:-   Feb '23 - Mar '23

Employee Resignation Prediction - Utilized Python for predictive analysis, accurately forecasting employee job transitions.

Projects 7:-   Jan '22 - Mar '22

Online Auction System Development - Designed secure online auction system with Python, HTML, and CSS, mitigating cyber threats.

CERTIFICATION

Statistics Essentials For Data Science | Tableau Certification |SQL   Jan '23 - Aug '23
Certification | Business Analytic With Excel | Data Science With Python |
Machine Learning | Data Science Career Bootcamp Capstone | Data Science
Job Readiness |Masters Data Science Certification - Simplilearn

ACCOMPLISHMENTS

- **2nd Place** in Paper Craft Workshop (July 2018) organized by Graphic Era Hill University.
- Selected as one of 40 participants for **Research Seminars** (Aug 2021) from a competitive pool of 250 candidates.