Manoj Thapa

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Seeking an opportunity in Computer Networking and Cyber Security. Good Knowledge of Python Programming, Computer Networking System, Cyber Security, Database and Data management.

**TECHNICAL SKILLS:**

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| **Programming Languages** | PYTHON, SQL |
| **Networking and Cyber Security** | Hardware, BIOS, TCP/IP, OSI Model, LAN, WAN, Network Topology, Virus and Malwares, Cyber Threats and Attacks, Cryptography, Social Engineering, Core Security Principles, Controlling Access. |
| **Operating Systems** | Windows, Mac OS, Linux |
| **Microsoft Office** | Microsoft 365, Excel, Access, Visio |
| **Project Management** | Project Scheduling, Project Estimation, Risk Assessment and Management (Register, Analysis, Register), Budgeting, Stakeholders Analysis |

**WORK EXPERIENCES:**

**Client: Anthem, Inc, Mason, OH**

**Role: Python Developer (**03/2020 – 06/2020)

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like requirement gathering, Design, Analysis and Code development.
* Designed the **front end** of the application using Python.
* Write **Python scripts to parse JSON documents** and load the data in database**.**
* Worked and extracted data from various database sources like **SQL Server, MongoDB,** regularly accessing **JIRA tool** and other internal issue trackers for the Project development.
* Built **REST APIs** to easily add new analytics or issuers into the model.
* Developed **Hive queries** for analysis and exported the result set from **Hive to MongoDB** using Sqoop after processing the data.
* Used **Agile methodology and SCRUM** process for project developing.
* Programmed a utility in Python that used multiple packages (**Scipy, Numpy, Pandas)**.
* Extensively performed large data read/writes to and form **CSV, Excel to JSON files using Pandas.**
* Develop processing, archiving, and recovery procedure for systems. Provide production procedures for programs.

**IMSA (San Francisco State University, SF, CA)**

**Role: Public Relation Director** (07/ 2018 – 05/2019)

**Responsibilities:**

* Created specialized **communication plans** to promote Information System Association.
* Participated in Campus events, social and business organizations to promote IMSA reputation, project its interests and advocate for its positions where appropriate.
* **Coordinated with other student organizations** to represent IMSA, also setup events to attract new members.
* **Wrote, edited, and distributed news releases** about the IMSA and Campus, advisories, and marketing materials for campaigns, creating member focused copy with the appropriate tone and voice.
* Developed and maintained **good relationship with campus Stakeholders**.

**CCSF Computer Lab (City College of San Francisco, SF, CA)**

**Role: IT Support** (07/2017 – 12/2017)

**Responsibilities:**

* **Monitor lab room** performance and maintenance schedule.
* Perform all aspects of desktop support including **installation and configuration of computers**, **hardware problem diagnosis and repair, application installation**, and assist with network.
* Research, resolve, and respond to respond to **questions received via telephone calls, email, and walk-ups.**
* **Administrated repairs, upgrades** and completed configuration of PC’s and related peripherals.
* **Escalated issues** to the proper other associate when necessary and followed up on any escalated issues, all within **a timely manner**.

**EDUCATION AND CERTIFICATION**

CITY COLLEGE OF SAN FRANCISCO San Francisco (2012 - 2017)

Associate Degree in CS, CNIT Wireless Networking May 2017

Certificate of Computer Networking system May 2017

SAN FRANCISCO STATE UNIVERSITY San Francisco (2018 – 2019)

Undergraduate Degree in Information System August 2019

Outstanding Leadership Achievement Award SFSU May 2019

Microsoft Office Specialist (Office Excel 2016) April 2, 2019

**CERTIFICATE OF TRAINING**

(National Cyber security and Communications Integration Center ICS U.S. Department of Homeland Security)

Cybersecurity Within IT and ICS Domains 05/2020 ICS Cybersecurity Threats and Risk 05/2020

Cybersecurity Practices for Industrial Control System 05/2020

**LANGUAGES:** English, Nepali, Hindi, Some Spanish.

**Visa Status:** US Citizen