Beau H. Roundy

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Education

B.S. Information Systems - Business Intelligence *Attended 2018 - May 2024*

Utah Valley University ─ Orem, UT
- Certificate of Proficiency in Database Administration and Warehousing
- Certificate of Proficiency in Data Analytics
- Certificate of Proficiency in Information Systems & Technology

A.A.S. Information Systems & Technology *Attended 2018 - 2022*

Utah Valley University ─ Orem, UT
- GPA 3.61

General Education *Attended 2016 - 2017*

Utah State University Eastern ─ Price, UT
- Courses: Intro to Engineering Design and Intro to Engineering Lab (built a robot with a team of students).

Skills

- **Information Systems & Technology** – Systems analysis and security, multiple Relational Database Management Systems, NoSQL (MangoDB), Web Stack Systems (XAMPP), Data Warehouse, Star-Schema, Entity Relationship Diagram, Extract Transform Load (ETL) and Data Solutions. Data visualization in Tableau, excel, and R. Building ethernet cable & setting ethernet keystones, Software Version Control (GitHub), data communication systems (TCP/IP and OSI models), some Palo Alto Firewall exposure, operating systems (Windows, Linux, and Mac), some VMware ESXI.
- **Data Analysis & Solutions** – Experience with big data analytics and data mining techniques using the Data Analytics Lifecycle and CRISP-DM (Cross-industry Standard Process for Data Mining). Machine Learning and Neural Networks for predictions and forecasting. Association rules for predictions and actionable business intelligence. RapidMiner, Orange, Excel, R, and Python. Network traffic data analysis, threat hunting, and audit logs analysis with tools like wireshark and tcpdump, Windows event viewer and Linux Audit Logs.
- **Programming** – Experience utilizing Python, R, SQL (Relational Database and Data Warehouse Solutions), PHP (server-side and Model, View, Controller structure), C# (ASP.NET Core Framework and Entity Framework), HTML & CSS, JavaScript (client-side), Terminal commands, and OpenSSL.
- **Problem Solver** – Passion for utilizing computers and business intelligence to deliver the best solutions.
- **Project Management** – Familiar with Software Development Lifecycle, Gantt Charts, Agile Methodology.
- **Diligence** – Responsible to get work done timely and with quality.
- **Leadership** – Lead by example, professionalism, friendly natured and always willing to help people.
- **Team Builder & Collaborator** – Promote a welcome atmosphere that encourages conscientiousness and sense of purpose.
- **Quick Learner** – Constantly seek information to understand and improve work techniques to go forward.
- **Communication** – Ask questions and listen to ensure effective conversations in the workplace.

Experience

Mission Health Services - West Valley City, UT *July 2022 - Current*

Junior System Administrator / Junior Network Administrator
- Managed all tier one and tier two help desk support for 8 Mission Health Services locations throughout Utah and Wyoming.
- Monitored networked services to help ensure active availability through business hours.
- Administered privilege via local and domain admin access according to each use-case.
- Administered technical support to over 550 employees and 300 devices.
- Created user accounts and managed user's system privileges.
- Managed MySQL Database with advanced queries for DDL, DML, and DCL.
- Built query tools in python to help users interface with data from the database.
- Run reporting tools daily for updated data and help monitor data backups.
- Managed phones over VOIP, PBX, and POTS.
- Improved communication through the user request system built in C# ASP.NET framework.
- Help troubleshoot DHCP servers to properly scope IP addresses.
- Mentored under the Director of IT in higher tier level IT support.
- Helped maintain MDF and IDF cables and port descriptions on switches.
- Block and report spam emails on email gateway.
- Discussed and strategized security policies and compliance mapping with the Director of IT.
- Repaired computer hardware by replacing parts for storage, memory, and laptop keyboards.