Brian MacDonald

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🌐 https://arch-web.github.io/Brian-MacDonald-Web-Portfolio/
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OBJECTIVE

I am motivated to join an organization that enables me to improve the availability, confidentiality and integrity of an organization's data resources.

CERTIFICATIONS

- CompTIA Security+, Expected January, 2018
- CompTIA Network+, Expected, January, 2018

QUALIFICATION SUMMARY

- IT Administration/Support
- LAN Management
- Certificate Management
- Active Directory Directory Services
- Intrusion Detection, Prevention
- Website Management
- Website Development
- Project Management
- Process Improvements
- Financial Analysis
- Financial Reporting
- Needs Analysis
- Operations Management
- Coaching/Training

TECHNICAL COMPETENCIES

- Familiar with Wireshark, Nessus, Windows Server 2012, Snort, and InSIDDer.
- Knowledge of Oracle VirtualBox, HTML5, CSS, Sass, Atom.io.
- Hardened SOHO network for DHCP scope, reservations, and WLAN security.
- Knowledge of Microsoft Applications including Word, Excel, and Power BI.
- Wrote articles utilizing WordPress for Search Engine Optimization efforts.
- Built a desktop with a RAID 0+1 hard drive array.

INFORMATION TECHNOLOGY TRAINING

New Horizons Computer Learning Center   October 2017 – January, 2018
Livonia, Michigan
CompTIA Network+ and Security+ Certification Course

EXPERIENCE & EXPERTISE

International Trucking School, Canton, Michigan   2013 – 2017
IT Administrator/Operations Manager

- Managed company-wide computer and printer issues and installations, reconfiguring network and solving issues with equipment connectivity utilizing Spiceworks network monitoring software in order to optimize bandwidth usage and maintain computer related work flows.
- Coached team members on how to gain day-to-day operational efficiencies utilizing desktop and web-based applications. Tracking of customer's status via spreadsheets allowed the company to maintain better financial records. Tracking of fuel expenditures led to more efficient use of staff and management time. Utilizing web-based software, equipment and class status could be tracked seamlessly between desktop and mobile devices.

EXPERIENCE & EXPERTISE con't

- Utilized QuickBooks and Microsoft Excel application to perform accounts payable, receivable, and general ledger functions, in order to track and categorize business related transactions.

- Worked extensively with Microsoft Excel to predict future expenditures and their impact to cash flow based on fixed and variable costs and planned revenues, providing the company the ability to maintain positive cash flow and a healthy balance sheet.

- Employed Microsoft Office applications to report status of bank accounts and accounts payable and receivables, providing executive leadership with usable data to make efficient financial decisions.

- Restructured training curriculum and school operations to accommodate the recent changes in the requirements of the State of Michigan and third-party road examiners. The restructuring resulted in clients receiving more valuable behind-the-wheel time without increasing the overall length of the program, resulting in a reduction in exam failures and less school expenses in extending training and additional exam fees.

- Developed opportunities for expanding company operations and other revenue streams through negotiations with various funding sources, locating programs to expand the lending and payment options for our customers in order to enhance company revenue.

- Influenced higher performance of book keeping staff, instruction and student recruiting staff to ensure integrity of class operations, job placement, financing, and overall logistical aspects of company operations.

- Educated all staff on compliance with regulations pertaining to the operations of a transportation related business to ensure the safety of the customers and the instructional staff.

- Worked with varying size and complement of teams to engage clients in needs analysis to determine clients' necessities and which solutions would best satisfy those needs.

TTL Associates, Inc., Toledo, Ohio   2008 – 2013
Geotechnical Engineer

- Project Manager for geotechnical investigations for various types of structures including roadways, bridges, shallow and deep foundation structures, sewage and drainage systems, water retention and detention systems, retaining walls, power structures, and manufacturing facilities to provide clients with geotechnical related construction recommendations.

- Managed project elements including drilling operations, sampling intervals, testing regiments, and client contacts to provide the client with project specific requests.

- Created proposals for clients for estimates of project expenses, including billable hours for staff and engineers, equipment and materials, as well as overall time frames for project completion and staff processing, providing the company a basis for project expenses and revenue.

- Analyzed large sets of data, performed engineering calculations and created reports detailing investigation findings for various private and government clients ensuring cost effective construction and safety of projects for clients.

EDUCATION

Michigan State University, East Lansing, MI
    Bachelor of Science in Civil Engineering, 2002

VOLUNTEERING

Livingston County Habitat for Humanity, Brighton, MI
        Frequent Staff Volunteer, 2017