

Brett W. Diedrich

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EDUCATION

Milwaukee School of Engineering

Bachelor of **Business Administration** with specialization in **Information Technology Systems** and a minor in **Technical Communication**
Milwaukee, WI | Planned Graduation in May of 2021

Waukesha Engineering Preparatory Academy

High School
Waukesha, WI | September 2013 - June 2017

SKILLS

CompTIA Network+ Certified Networking • Active Directory
VMware • Hyper-V
Cisco Meraki • Ubiquiti Unifi
Windows Server
CPR/AED/First Aid Certified through Red Cross

Interests

Aviation
Technology • Cybersecurity
Entrepreneurship

Experience

Heartland Business Systems

Associate Consulting Engineer | June 2018 - August 2018

- Worked as a member of the small-medium business engineering team and provided consultative and proactive support to various sized companies.
- Provided sales consultants with technical assistance and guidance during the pre-sales process by identifying customers technical and business requirements.
- Provided fellow engineers with systems installation assistance, review, validation, and optimization.
- Gained specific knowledge by working with Windows Server 2012R2/2016, VMWare VSphere, Veeam, Palo Alto PA, and Cisco Meraki

School District of Waukesha

Information Technology Intern | June 2016 - June 2018

- Worked in deployment and troubleshooting of Cisco Aironet wireless network infrastructure, team supervision and management
- Developed new modules for learning management system, Blackboard Learn, and other modifications as requested
- Lead move of district websites from many fragmented platforms to a new content management system
- Troubleshoot, diagnose, and then fix many PCs and iPads.
- Worked on UPS maintenance, checking battery health, load levels, and redundant power supplies in servers/networking equipment

Activities and Accomplishments

- Placed 4th in Cybersecurity and 7th in Network Design at FBLA-PBL National Leadership Conference (June 2018)
- MSOE PBL's Vice President (June 2018 - Present)
- Wisconsin PBL's Vice President (April 2018 - Present)
- Leader of web app development subteam for CORE 2062 FIRST Robotics Team (2014-2017)

VOLUNTEER EXPERIENCE

- FIRST Robotics STEM Outreach Events (Mentoring robotics teams, Hosting robotics tournaments, and community STEM presentations) (September 2013 to August 2017)