

**ALEXANDER WILSON**

St. Louis, MO  
314.583.8686

[Alex.Wilson.0425@gmail.com](mailto:Alex.Wilson.0425@gmail.com)

[AlexWilson.info](http://AlexWilson.info) | [GitHub](https://github.com/AlexWilson) | [LinkedIn](https://www.linkedin.com/in/AlexWilson)

## Professional Summary

*Ambitious change agent seeking challenges in computer networking, information security, and automation. Driven to become a leading cybersecurity professional.*

A dynamic, multi-faceted, and results-oriented professional with a proven track record in information technology, software development, and project management. A thought leader with keen interpersonal abilities, strong written and verbal communication skills, and exceptional organizational skills. Passionate about driving innovation and adept at solving complex technical challenges, with a focus on continuous improvement, security, and efficiency. Committed to returning to a hands-on technical role to learn, grow, and demonstrate value.

## Core Competencies

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|-----------------------|---------------------------|----------------|
| • Problem Solving     | • Continuous Improvement  | • Adaptability |
| • Time Management     | • Strategic Communication | • Organization |
| • Attention to Detail | • Service Orientation     | • Empathy      |

## PROFESSIONAL EXPERIENCE

AMEREN, ST. LOUIS, MISSOURI, AUGUST 2019 TO APRIL 2024

### IT Project Manager

- Led a comprehensive project to establish and execute a process for integrating applications with existing Workday modules, addressing unique and complex integration patterns. This involved creating a standardized request process, navigating mandatory architectural review board approvals, and successfully integrating over 50 services, including Microsoft Active Directory, SailPoint, ServiceNow, Fidelity, and ADP. These integrations significantly enhanced Workday's functionality and drove greater cultural adoption.
- Led a comprehensive project to discover and replace all Web Application Firewalls (WAFs) across Ameren's corporate network environment. This involved conducting an asset inventory assessment across three data centers, completing a Request for Proposal to select a vendor, and coordinating critical tasks. These tasks included configuring the infrastructure-as-code platform, validating features through testing, and managing the installation, deployment, and support of the new WAFs. The project successfully ensured the WAFs were SOX-compliant for the next 3 years.
- Designed and deployed PowerBI dashboards to track technical change request progress and operational readiness review approvals in ServiceNow (ITSM), increasing visibility and transparency for project teams and executives, while improving decision-making efficiency.
- Assumed ownership of all projects and their outcomes. Diligently developed, maintained, and updated the project schedule until project completion with a variance of less than 90 days. Led monthly cost-tracking exercises, budget variance analysis, time-tracking reviews, and expense forecasting to ensure alignment with financial objectives with an overall variance of less than 5%.

## ALEXANDER WILSON

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AMEREN, ST. LOUIS, MISSOURI, MAY 2018 TO AUGUST 2018, MAY 2019 TO AUGUST 2019

### Digital Intern

- Conducted manual security compliance audits of SharePoint Online sites, initiated by event detection through ULS monitoring and the Splunk Add-on for Office 365. The subsequent analysis used the Varonis Classification Engine, which combined automation with manual review techniques to ensure strict adherence to company policies and SOX/NERC compliance.
- Assisted with the migration of over 5,000 SharePoint 2016 to SharePoint Online by writing a PowerShell script that extended the capabilities of the SharePoint Migration Assessment Tool by joining its results with additional checks for known non-SharePoint content migration issues. This helped limit migration failures to less than 2%.

ST. LOUIS COMPUTER SERVICES, ST. LOUIS, MISSOURI, PART TIME MAY 2015 TO MAY 2018

### IT Support Technician

- Provided effective troubleshooting to diagnose and resolve software and hardware issues, ensuring optimal system performance.
- Completed hardware repairs, installations, configurations, personal computer assembly, and upgrades to restore or improve performance.

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## EDUCATION AND CERTIFICATIONS

### NETWORK+ CERTIFICATION - 2024

*Computing Technology Industry Association (CompTIA), Illinois*

### PROJECT MANAGEMENT PROFESSIONAL (PMP) – 2024

*Project Management Institute (PMI), Pennsylvania*

### MISSOURI STATE UNIVERSITY CNAS UNDERGRADUATE COMPUTER SCIENCE RESEARCH COMPETITION WINNER - 2019

*Topic: Automated Pathogen Detection and Quantization using Machine Learning*

### BACHELOR OF SCIENCE (B.Sc.) IN COMPUTER SCIENCE - 2019

*Missouri State University, Springfield, Missouri*

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## SKILLS AND INTERESTS

**Collaboration Tools:** Git, Service Now, Salesforce, Trello, Jira, Confluence, Notion, Obsidian, Teams, OneNote, Word, PowerPoint, SharePoint, Excel, Project, Planner.

**Creative Tools:** Inkscape, Illustrator, Photoshop, After Effects, Canva, Figma, ZBrush, Blender, Premiere Pro, DaVinci Resolve, Bambu Studio, Fusion 360.

**Operating Systems:** Xen, KVM, Arch, Debian, OpenBSD, Alpine, Rocky, NixOS, Windows 10/11, Windows Server 19/22.

**Languages:** C, C++, Zig, Rust, Bash, PowerShell, PHP, TypeScript, Python, Elixir.

**Databases:** MongoDB, SQLite, PostgreSQL, Microsoft SQL Server.

**DevOps Tools:** Kubernetes, Portainer, Docker, Proxmox, Jenkins, Chef, Terraform, Ansible, Vault, Prometheus.

**Networking & Security:** Active Directory, Azure AD, GNS3, Nmap, Wireshark, TCPDump, OPNsense, OpenVPN, WireGuard, Snort, Suricata, Wazuh, Fail2Ban, Nessus, Metasploit, Burp Suite, Graylog, Splunk.

**Machine Learning:** NumPy, Polars, scikit-learn, PyTorch, TensorFlow, Keras, CUDA, Flash, Hyperopt, Roboflow.

**Web Development:** Nginx, Node.js, Deno, Bun, Express.js, Fastify, Oak, Flask, Django, Laravel, GraphQL, React, Next.js, Solid.js, Tailwind CSS, CSS3, HTML5, Three.js, Prisma, Supabase, Redis, PM2, Selenium, Playwright.

**Personal Interests:** Quantum-resistant Encryption, Zero-trust Networking, Exploit Development, Hypervisor and Container Escape, Cloud Security.