

Devon Taylor

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SKILLS

- Designing and implementing secure computer networks
- Implementing secure Active Directory policies
- Delivering consistently clear and concise technical documentation
- Liaised between a team of technologists and project managers to manage deadlines and resources
- Led a six-person team on a two-week project deploying and demonstrating Microsoft System Center 2016
- Enabled teams to work uninterrupted by anticipating and solving problems ahead of time

Work History

Independent Contractor, 2017-2018

- Delivered a report detailing an analysis of the program flow and functionality of a legacy .NET/C# application that lacked source code and documentation for a planned rewrite by a future development team

Active Directory Security Consultant, Doak Shirreff Lawyers LLP., 2017

- Led a deployment of Privileged Access Workstations (PAW) and Local Administrator Password Solution (LAPS) to remove domain admin credential use from common use
- Analyzed end-user work flow to design group policies that would secure the environment, but not negatively affect their experience
- Provided on-site I.T. staff with domain administration guidelines for future upgrades and maintenance to the environment

PROJECTS

Mentoring. 2017-2018

Mentored peers and students in the following areas:

- Networking protocols
- Documentation and technical writing skills
- Linux server management

Security Audit, Networking and Telecommunications second year practicum, 2017

- Researched prevalent attack vectors to design host-level mitigations
- Audited the security posture of a legal firm regarding end-user workstations, with a focus on recent ransomware attacks
- Mitigated common malware attacks targeting Microsoft Office, Google Chrome, and Internet Explorer using tools built into Windows

Microsoft System Center 2016, Networking and Telecommunications first year practicum, 2016

- Architected a private cloud solution during a two-week period using Microsoft System Center 2016 Technical Preview 4 and 5
- Troubleshoot problems in the environment that required several rebuilds of our lab environment, and built a knowledge base within the team as documentation for the software required did not exist
- Coordinated with a six-person team in an a four-sprint agile development cycle to deliver deployment documentation for Virtual Machine Manager, Configuration Manager, Service Manager, Operations Manager, and Orchestrator
- Demonstrated an automated work flow allowing a client to deploy virtual machines to their private cloud

Wireless Site Survey, Okanagan Regional Library (Kelowna Branch), 2017

Networking and Telecommunications project.

- Worked with client to determine survey goals, scope, and deliverables
- Created an accurate map of the building showing wireless access points and important barriers and locations. Overlaid on the map was a heatmap showing the areas for which each wireless access point was responsible.
- Analyzed wireless traffic during peak hours to identify common traffic types
- Measured RSSI, average transfer speeds, and surveyed the user experience in high-traffic areas of the building
- Created a seven-page report highlighting the team's finds and recommendations

EDUCATION

Okanagan College. Kelowna, BC. (2015-2017)

Networking and Telecommunications Engineering Technologies.

SELECTED PUBLICATIONS

“Secure by Design: The Network,” guest post at Alienvault, 2018

“Building Public Key Infrastructure in Windows,” blog post, 2017