



# Trent Technology

## Relevant Experience

### Clarus Glassboards – System Administrator | Fort Worth, Texas

**200+**

Employees

**\$45K**

Cost Savings

**18.5%**

Budget Reduction

**Responsibilities:** Responsible for all aspects of IT for 200+ employees including management of on-prem/cloud servers & networking, budgeting, creating policy, negotiating contracts, and all desktop support needs.

#### Notable Projects:

- **Upgraded Servers:** Upgraded from Windows Server 2012 to 2025. Established backups, tested recovery time, and built disaster recovery documentation. Upgraded from 6-core 1.8GHz to 8-core 3.2GHz processors for \$25 per server, increasing RAM speed from 1666 to 2166. Replaced CMOS and RAID batteries, upgraded TPM from 1.3 to 2.0.
- **Built Automation Server:** Setup automation infrastructure for Tableau developer using Proxmox as hypervisor with PCI passthrough, Ubuntu VM running n8n Docker container and Ollama.
- **Implemented Log Ingestion into CrowdStrike SIEM:** Protected Clarus from System Admin role vulnerabilities. Created custom parsers for Ubiquiti network logs using AI, integrated with CrowdStrike's data connectors and parsers for services including Okta.
- **Developed Security Maturity:** Email security - Published DNS security records, implemented Egress. Endpoint - Switched from Darktrace EDR to CrowdStrike Complete MDR, saving money while gaining managed solution. Network security - Content filtering, safe DNS, zone-based firewall for network segmentation, IDS/IPS.
- **Vendor Review:** Reduced waste by \$45K, approximately 18.5% of IT budget through strategic vendor optimization.

### Beyondthebit MSP – Site Lead | Dallas, Texas

**6**

Clients Managed

**1,000+**

Total Employees

**Responsibilities:** Responsible for 6 clients with 1,000+ total combined employees. Handled tasks associated with various roles including System Administration, Networking Administration, Desktop Support, and Technical Leadership.

**Familiar Products and Technologies:** Kaseya (AutoTask, Datto, ITglue), Microsoft (Client, server, cloud, on-prem), Ubiquiti & Cisco.

## Education



### Associate – Computer Networking

**Collin College**

📍 Frisco, TX | 📅 Dec 2025

Vice President of the Computer Science & Engineering Club; organized events such as CCNA Bootcamp with Cisco Press Authors.



### Associate – Cybersecurity

**Collin College**

📍 Frisco, TX | 📅 Dec 2023

## Certifications

 <p><b>Cisco Certified Network Associate</b> <b>Cisco</b> Jan 17, 2025</p>	 <p><b>Integrated Networking Cloud Technician</b> <b>Collin College</b> Aug 2025</p>
 <p><b>Windows Administrator</b> <b>Collin College</b> Aug 2025</p>	 <p><b>Networking Systems Professional</b> <b>Collin College</b> May 2025</p>
 <p><b>Datacenter Technician</b> <b>Collin College</b> May 2025</p>	 <p><b>Cybersecurity Infrastructure Technician</b> <b>Collin College</b> Aug 2023</p>

## Home Lab Infrastructure

A production-grade lab environment demonstrating hands-on expertise with enterprise technologies:

<p> <b>Hardware Stack</b></p> <ul style="list-style-type: none"><li><b>2x Quanta Servers:</b> Proxmox cluster nodes for high-availability virtualization</li><li><b>Cisco Catalyst 3560:</b> Layer 3 switch for VLAN routing and inter-VLAN communication</li><li><b>Cisco 2821 Router:</b> WAN simulation and routing protocol testing (OSPF, EIGRP)</li><li><b>ZimaBoard SBC:</b> Low-power edge device running OPNsense firewall</li></ul>	<p> <b>Network Architecture</b></p> <ul style="list-style-type: none"><li><b>OPNsense Firewall:</b> Configured advanced firewall rules, NAT, VPN (OpenVPN/IPsec), and traffic shaping</li><li><b>VLAN Segmentation:</b> Implemented multi-VLAN topology with inter-VLAN routing and ACLs</li><li><b>Cisco CML:</b> Virtualized Cisco environment for complex network topologies and protocol testing</li></ul>
<p> <b>Virtualization &amp; Services</b></p> <ul style="list-style-type: none"><li><b>Proxmox Cluster:</b> High-availability virtualization with shared storage and live migration</li><li><b>Windows Server 2019:</b> Active Directory domain controller with DNS, DHCP, Group Policy, and file services</li><li><b>Linux VMs:</b> Various distributions for service hosting and security testing</li><li><b>Container Services:</b> Docker and LXC containers for application deployment</li></ul>	