

Professional summary

Information Technology student at the University of Central Florida with practical experience in system administration and networking gained through an IT Internship at the City of Oconomowoc. Proven ability in managing Active Directory, administering virtual machines (VMware Sphere, Oracle VirtualBox), configuring network connections, and providing comprehensive technical support across diverse IT environments. Seeking a System Administrator or Network Engineer position and working towards CompTIA A+/N+/Sec+ certifications.

Education

Bachelor of Science in Information Technology | University of Central Florida | Orlando, FL

Oct 2022 - May 2026

Student Athlete, Men's Lacrosse

Member, GameDev Knights, The Society of PC Building, Knight Hacks, and Hack@UCF

Relevant Coursework

System Administration & Maintenance, Security in Computing, Cryptography & Info. Security, Operating System Concepts, Computer Network Concepts, Design & Impl. of Networks, Database Concepts, Computer Logic & Organization, Computer Architecture Concepts, Computer Science I, Intro to Programming with C, Web-Based Info. Technology, Managing IT Integration, Ordinary Differential Equations

Employment History

City of Oconomowoc | IT Intern | Oconomowoc, WI

Jun 2025 - Present

- Provide technical support and troubleshooting for all city departments, managing device setup and deployment.
- Assist the Police Department with network configuration, device setup, and troubleshooting.
- Configure and maintain VPN connections.
- Troubleshoot and resolve WiFi connectivity issues for city facilities.
- Support the management and maintenance of city Active Directory Domain Controller.
- Administer and configure virtual machines.
- Manage DNS entries and implement SSL certificates using OpenSSL and Keytool.

Lorleberg's True Value Hardware & Rental | Retail Sales and Service Specialist | Oconomowoc, WI

Sep 2019 - Jul 2025

- Manage cash handling and closing procedures, ensuring accuracy and security.
- Oversee inventory replenishment, maintaining optimal stock levels.
- Troubleshoot desktop and POS issues, improving operational efficiency.

World of Beer Franchising, Inc. | Server Assistant | Orlando, FL

Apr 2024 - Apr 2025

- Enhance customer satisfaction by efficiently managing orders and table turnover.
- Support team by maintaining cleanliness and replenishing supplies.
- Assist in inventory management and fulfill special customer requests.

Technical Skills

Programming Languages

Java, JavaScript, C/C#, Python, TypeScript, Luau, HTML/CSS, SQL

Software & Tools

Microsoft Access, Autodesk Inventor, Adobe Photoshop, SQLite, Oracle VirtualBox, Wireshark, VMware vSphere

Operating Systems

Microsoft Windows, Linux, iOS

Areas of Knowledge

Quantum Computing, Quantum Information, Quantum Theory, Networking, Software Configuration, Computer Maintenance, Computer Hardware, Cloud Computing, Cybersecurity, Technical Support, System Integration, Web Development

Certifications

Variational Algorithm Design | IBM

May 2025

Basics of Quantum Information | IBM

May 2025

JavaScript Fundamentals | Mozilla

May 2025

Microsoft IT Support Specialist | Microsoft

Apr 2025

TestOut IT Fundamentals Pro | CompTIA

Dec 2024

Level 3: Excel Purple Belt | McGraw Hill

Dec 2022

Autodesk Inventor Certified User | Autodesk

Mar 2020

Projects

MS Access Database Implementation | (CGS 2545C Course Project)

- Created a relational database in Microsoft Access based on provided schemas, populating tables with sample data.
- Implemented data integrity measures by defining specific input masks and validation rules for table attributes.

Active Directory & Virtualization Setup | (CNT 4603 Course Project)

- Created and managed a virtual network using Oracle VirtualBox on an x64 host, running multiple Windows Server 2022 and Windows 10 instances.
- Implemented and managed Active Directory Domain Services, configured system security policies, and performed user administration tasks.
- Wrote PowerShell scripts for system administration automation.
- Designed and analyzed Active Directory architectures, conducted virtualization feasibility studies, and managed system resources across virtual environments.

Interactive 2D Portfolio Game | (Portfolio / Game Website)

- Created a retro-style interactive portfolio using vanilla HTML, CSS, and JavaScript with HTML Canvas for rendering a 2D explorable map.
- Built character movement (keyboard and optional mobile joystick), object/NPC interactions, and a fishing minigame with real-time tension control.
- Integrated Firebase Firestore for a persistent online scoreboard and used Formspree for contact form submissions.
- Designed a responsive UI with pop-up dialogs, joystick toggling, and mobile support via nipple.js.

Stat Lab | (Personal Web Development Project)

- Building an NBA stat tracker using Python, JavaScript, and React + Vite to aggregate and analyze player performance data.
- Currently working on implementing a persistent news ticker, user chatting, and head-to-head matchup information.
- Next steps will be creating an API for up-to-the-minute updates on player stats and an API for the news ticker.