Caleb W. Luh

Elevate. Innovate. Automate.

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Summary

An Information Technology student at the University of Central Florida with a passion for problem-solving, ignited by building my first desktop over ten years ago. Skilled in system administration and networking, with proven experience in managing Active Directory, virtual machines, and network connections for an organization of over 200 users. Actively pursuing CompTIA A+ and CCNA certifications. Eager to apply a collaborative mindset and technical expertise in a challenging environment.

Areas of Expertise

o Networking	o Python	o Linux
o Computer Maintenance	o JavaScript	o VMWare vSphere
o Computer Hardware	o Java	o Oracle VirtualBox
o Web Development	o TypeScript	o Wireshark
o Technical Support	o C/C#	o Git & GitHub
o Software Configuration	o HTML/CSS	o Proxmox
o System Integration	o Microsoft Windows	o SQLite

Professional Experience

Server Assistant
World of Beer Franchising, Inc.   **April 2024 - Present**

- Enhanced customer satisfaction by efficiently managing orders and table turnover.
- Assisted in inventory management and fulfilled special customer requests.

Information Technology Intern
City of Oconomowoc   **June 2025 – August 2025**

- Provide technical support and troubleshooting for over 200 users across all city departments, managing device setup and deployment.
- Assist the Police Department with network configuration and device setup, ensuring the security and reliability of critical infrastructure.
- Configure and maintain VPN connections and troubleshoot and resolve Wi-Fi connectivity issues for city facilities.
- Support the management and maintenance of the city's Active Directory Domain Controller and administer and configure virtual machines.

Retail Sales and Service Specialist
Lorleberg's True Value Hardware & Rental   **September 2019 – July 2025**

- Managed cash handling and closing procedures, ensuring accuracy and security.
- Troubleshot desktop and POS issues, improving operational efficiency.

Education

Bachelor of Science, Information Technology
University of Central Florida

- **Relevant Coursework:** System Administration & Maintenance, Security in Computing, Operating System Concepts, Computer Network Concepts, Design & Impl. of Networks, Database Concepts, Enterprise Computing
- **Clubs & Organizations:** Men's Lacrosse at UCF (MCLA D1), UCF Golf Club, UCF Knight Hacks, HACK@UCF Collegiate Cyber Defense Club, AI@UCF, The Society of PC Building, GameDev Knights, IT Club, Design & Code Club

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, 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

Interactive 2D Portfolio Game
Web Browser Game

- Created a retro-style interactive portfolio using vanilla HTML, CSS, and JavaScript with HTML Canvas.
- 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.

Certifications

TestOut IT Fundamentals Pro, CompTIA
Microsoft IT Support Specialist, Microsoft
JavaScript Fundamentals, Mozilla
Level 3: Excel Purple Belt, McGraw Hill
Autodesk Inventor Certified User, Autodesk