2624688269 • calebluh@gmail.com

Caleb Luh

calebluh.com • linkedin.com/in/calebluh

* * *

Information Technology student at the University of Central Florida, skilled in programming languages (JavaScript, Java, Python) and IT tools (VirtualBox, Wireshark). Seeking to leverage these skills in System Administration or Cybersecurity roles, with a specific interest in Penetration Testing, while also pursuing a long-term goal of a Master's in Quantum Computing and a research career. Currently enhancing qualifications with CompTIA A+ and CCNA 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

Floor Associate

Lorleberg's True Value Hardware & Rental, Oconomowoc, WI — *Sep 2019 - Present*

- 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.

Server Assistant

World of Beer Franchising, Inc., 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

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.