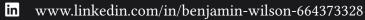


#### **Contact Information**



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(613)-823-9986

https://github.com/Canine-Table

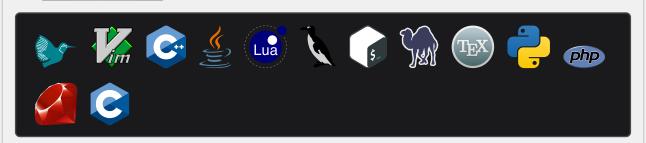
#### **Systems**



- Arch Linux: Extensive experience in configuring and maintaining Arch Linux systems, including using the Arch User Repository (AUR) and managing packages with 'pacman'.
- FreeBSD: Skilled in installing, configuring, and managing FreeBSD systems, including using the ports collection and managing services with 'rc.d'.
- Red Hat Enterprise Linux (RHEL): Experienced in deploying and managing RHEL systems, including using 'yum'/'dnf' for package management and configuring SELinux for security.
- Raspberry Pi OS: Skilled in setting up and managing Raspberry Pi devices, including using GPIO for hardware projects and configuring software packages.
- openSUSE: Experienced in installing and configuring openSUSE, including using YaST for system management and 'zypper' for package management.
- Alpine Linux: Skilled in configuring and managing Alpine Linux systems, including using 'apk' for package management and creating secure, minimal Docker images.
- **Debian:** Extensive experience in managing Debian systems, including using 'apt' for package management and configuring system services.
- **Gentoo:** Experienced in compiling and managing Gentoo systems, including using 'emerge' for package management and customizing build configurations.
- OpenWRT: Skilled in flashing and configuring OpenWRT on routers, including installing packages and customizing network settings.



#### **Programming**



- **C**: Extensive experience in developing efficient and optimized code for system programming, embedded systems, and performance-critical applications.
- C++: Skilled in using C++ for both system-level programming and application development in game development and real-time simulation.
- Java: Proficient in building robust, scalable enterprise applications, Android apps, and web applications.
- **Python:** Adept at utilizing Python for web development, data science, machine learning, automation, and scripting.
- <u>Perl:</u> Experienced in scripting, text parsing, and system automation, with strong text processing capabilities.
- **PHP:** Skilled in backend web development, creating dynamic web pages, and integrating with databases.
- Ruby: Proficient in web application development using Ruby on Rails, scripting, and automation.
- **Bash:** Experienced in writing scripts for system automation and task management.
- **<u>AWK:</u>** Skilled in data processing, pattern scanning, and scripting for data extraction and reporting.
- **►** <u>Lua:</u> Experienced in scripting for game development, embedded systems, and extending applications.
- **TeX/LaTeX:** Proficient in using LaTeX for academic and technical writing, creating complex documents with mathematical content.
- Vim Script: Skilled in writing Vim scripts to customize and extend the functionality of Neovim/Vim, creating custom plugins and configurations.



# Tools and Technologies







- <u>Neovim</u>: Skilled in configuring and customizing Neovim with Lua and Vim script to enhance productivity and streamline development workflows.
- **Git:** Experienced in using Git for source code management, branching, merging, and collaboration in a team environment.
- **Docker:** Proficient in creating, managing, and deploying Docker containers. Experienced in writing Dockerfiles and managing Docker Compose files.
- **Podman:** Skilled in using Podman for container lifecycle management, including building, running, and pushing containers.
- <u>runc:</u> Experienced in using runc as a container runtime for running and managing containers.
- **containerd:** Proficient in using containerd for container orchestration and management within Kubernetes clusters.
- iproute2: Skilled in using iproute2 tools for network configuration, routing, and traffic shaping.
- <u>nftables:</u> Experienced in using nftables for creating complex firewall rules and managing network security.
- **Extended Berkeley Packet Filter (eBPF):** Skilled in using eBPF for network performance analysis, monitoring, and enhancing security.
- **Buildah:** Proficient in using Buildah to create and manage container images, ensuring security and compliance.
- **crun:** Experienced in using crun as a container runtime to efficiently manage containerized.



#### **Databases and ORM Frameworks**



- **MariaDB:** Extensive experience in setting up, managing, and optimizing MariaDB databases. Skilled in writing complex SQL queries, stored procedures, and triggers.
- **SQLite:** Skilled in integrating and using SQLite for local storage in applications. Experienced in designing database schemas and optimizing queries for performance.
- MongoDB: Proficient in designing, implementing, and managing MongoDB databases. Experienced in using MongoDB for storing and querying JSON-like documents and performing aggregation operations.
- **SQLAlchemy:** Skilled in using SQLAlchemy to interact with databases, define models, and perform complex queries. Experienced in integrating SQLAlchemy with various databases like

#### Certifications

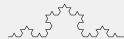
- First Aid Certifications
- Airway Management
- Bronze Star
- Bronze Medallion
- Bronze Cross
- WSI Part I
- WSI Part II
- NLS (National Lifeguarding Society)
- AODA online training



### Education

# Algonquin College - Computer Systems - Networking

- CST8378 Advanced Enterprise Networking
- CST8249 Network Security
- CST8317 Wireless Network Fundamentals
- CST8248 Emerging Technologies
- CST8371 Intro to Enterprise Networking
- CST8342 Windows Enterprise Administration
- CST8206 Foundation of IT Service Management
- CST8246 Network Services Administration
- SCI2200 DyNAmic DNA: You are not alone
- CST8245 Database Management and Interfacing
- CST8305 GNU/Linux Server Administration
- CST8208 PC System Technology
- CST8315 Routing and Switching Fundamentals
- CST8200 Windows Domain Administration
- MAT8002 Numeracy and Literacy
- ENL1813T Communications I
- CST8300 Achieving Success in Changing Environment
- CST8207 GNU/ Linux System Support
- CST8182 Networking Fundamentals
- CST8202 Windows Desktop Support



#### **Work Experience**

- La IT Assistant to a Doctoral Researcher
- ◀ University of Sheffield, Sheffield, South Yorkshire, England
- Provided technical support and assistance to a doctoral researcher, ensuring smooth operation of computing resources and research tools.
- Assisted in setting up and maintaining hardware, software, and network configurations.
- Developed and implemented scripts to automate repetitive tasks, improving overall efficiency.
- Troubleshot technical issues and resolved them promptly to minimize disruption to the research process.
- Collaborated with the researcher to ensure data integrity and security during the research project.
- Instructor
- Designed and delivered engaging and informative lessons for students ranging from beginners to level 9.
- Created customized lesson plans to meet the diverse needs and skill levels of students.
- Utilized a variety of teaching methods and tools to facilitate learning and keep students motivated.
- Monitored student progress and provided constructive feedback to help them improve their skills.
- Organized and conducted practical sessions, demonstrations, and hands-on activities to enhance learning experiences.
- Fostered a supportive and inclusive learning environment to encourage student participation and engagement.
- Collaborated with other instructors and staff to ensure a consistent and high-quality learning experience for all students.



# **Web Development**



- JavaScript: Skilled in using JavaScript to enhance user interfaces, handle events, and perform asynchronous operations.
- **CSS:** Experienced in writing clean, efficient CSS to style web pages, including using modern techniques like Flexbox and Grid.
- <u>HTML</u>: Proficient in writing semantic HTML to create accessible and well-structured web pages.
- **j** <u>j</u> <u>Query:</u> Skilled in using jQuery to streamline JavaScript development and enhance web applications.
- **Flask:** Experienced in building web applications using Flask, including routing, templating, and integrating with databases.
- Ruby on Rails: Proficient in using Ruby on Rails to create full-stack web applications, including ORM, migrations, and.
- **Sass:** Skilled in using Sass to write modular and maintainable stylesheets, enhancing productivity and consistency in web.

#### Websites

https://canine-table-brave-startup-page.onrender.com/