RILEY TRINH

rileytrinh1411@gmail.com | Github

Education

Computer Systems Technology (Diploma)

British Columbia Institute of Technology, BC March 2023 — Expected May 2025

- **Coursework**: Advanced C++ Application Development, Back-End Web Development with Node.js, Advanced .NET Web Application Development, Applied IT Security Fundamentals, Web Application Development with PHP, Applied DevOps with Kubernetes.

Computer Systems (Certificate) | GPA: 94

British Columbia Institute of Technology, BC May 2022 — March 2023

- Gained insight into databases, computer architecture, user experience design, website development, and project management.

Applied Software Development (Associate Certificate) | GPA: 93

British Columbia Institute of Technology, BC Jan 2021 — May 2022

- Acquired a good understanding of object-oriented design, IT system analysis, and Agile methodology.

Master of Arts in Applied Linguistics | With Distinction

Curtin University of Technology, Perth, Australia Feb 2014 — Dec 2015

Certifications

Google IT Support

Microsoft Certified: Azure Fundamentals (AZ-900), Security, Compliance, and Identity Fundamentals (SC-900), Azure AI Fundamentals (AI-900)

Skills

Languages and Frameworks: Python | Java | C | C++ | C# | PHP | SQL | HTML/CSS | Javascript | Node.js| Blazor
Platforms: Windows | Linux | MacOs

Projects

Securing K8s runtime | VirtualBox, Ubuntu, K3s, Helm, Grafana Loki, Falco and Falcosidekick

- Detected suspicious activities in Kubernetes clusters using Falco as a detection tool.

Man-in-the-middle attack simulation | VMWare, Windows 10, Kali Linux, Python

- Directed the victim machine to a fake webpage hosted on the attacker machine whenever the target tries to access any website from the Microsoft Edge browser.
- Concepts: Address Resolution Protocol (ARP) spoofing for intercepting traffic, DNS cache poisoning, and SSL stripping for downgrading secure HTTPS connection.

Non-Profit Management System | Github | C#, Blazor, SQLite, Azure

- Developed a full-stack Server-Side Blazor application for a non-profit organization to manage donations and generate tax receipts.

JLine Website | Github | HTML, CSS, Javascript

- Developed a modern, responsive front-end website for airline companies, with user-friendly login forms and seamless transition effect.

CatList App | Github | Java, Android Internal Storage

- Developed a full-stack Android app using Java, enabling users to create, edit, and delete notes organized by various categories.

Experience

Post Office Clerk April 2019 – Present

Shoppers Drug Mart Burnaby, BC

- Address 90+ customer inquiries per day and ensure effective team communication.
- Troubleshoot and resolve issues with point-of-sale systems, printers, and handheld devices.
- Support inventory management and implement loss prevention procedures.

Instructor/Content Creator Jan 2016 – Dec 2018

SET Education HCMC, Vietnam

- Designed programs' curriculum, teaching materials, and tests.
- Developed and managed online courses on Moodle Learning Management System.