Stephanie Petrone

petrone.sm@gmail.com | +1 780-722-1640 | British Columbia, Canada | linkedin.com/in/smpetrone | github.com/spetrone

Education

Bachelor of Computing Science
Thompson Rivers University | Kamloops, BC, Canada
January 2019 – May 2023 | GPA 4.33/4.33

➢ **Relevant Coursework:** Internet and Security Issues, UNIX OS – Principles and Administration, Computer Networks, Operating Systems, Web Server Management, Web Design and Development, Database Systems, Computer Systems, Artificial Intelligence, Data Structures and Algorithms, Algorithm Design and Analysis, Object Oriented Programming

➢ **Awards:**
Irving K Barber Women in Technology 10k Scholarship
Vancouver, BC, Canada | November 2021

Skills & Knowledge

Core Competencies: bash scripting, python scripting, CLI, UNIX , Splunk , AWS

Programming languages: C++, C, Java, PHP, JavaScript, python, SQL, Bash

Languages: English (native fluency), French (B1)

Projects

OSINT Dashboard & Data Visualization (in-progress): A web-based dashboard and data visualization tool for OSINT data.

Home Lab (virtual): used to set up systems, work with SIEMs, with Snort, and for penetration testing

Web applications: learning management system (Javascript, PHP, MySQL), bookmarking app (Javascript, PHP, MySQL), blockchain rent-control application (Solidity)

Algorithms & protocol implementations: symmetric & asymmetric ciphers, network protocols (TCP, UDP), IPC in C, POSIX multithreading, AI and machine learning algorithms (stochastic hill climb, A* search, neural networks, ID3 Decision Tree)

Self study – offensive (CTF's) and defensive security – TryHackMe, HackTheBox

Calculator : a console-based interactive scientific calculator written in C++

Experience

Director | *December 2019 - January 2022*
BC Whitewater Society | British Columbia, Canada

NDT Technician & Rope Access Technician *Contracts* | *February 2015 - October 2019*
CGSB Certified Inspector - UT L1, MPI L2; IRATA & SPRAT level 2
Acuren Group Inc. | Western Canada

Technologist (QA/QC and Research)
Quantiam Technologies Inc. | Edmonton, AB, Canada
Student contracts: March 2014 - November 2014, August 2016 - October 2016