

CHAWKI MOULAYAT

873 822 1881 | moul0084@algonquinlive.com | [Linked-in](#) | [Portfolio](#)

PROGRAM RELATED SKILLS

Motivated computer programming professional with a 3.95/4 GPA and Dean's Honor List recognition. Currently pursuing Cyber Security Analysis with a strong passion for cryptography. I am seeking a cooperative education opportunity to apply my programming expertise and contribute to innovative cybersecurity solutions in a dynamic environment.

Technical Skills:

- **Security Frameworks and Concepts** CIA, NIST 800-53/800-171, OWASP, MITRE ATT&CK
- **Security Tools & Platforms** Wireshark, Nessus, Splunk, OSSIM, Metasploit, IDS/IPS, Kali Linux, NG Firewall, Microsoft 365
- **Cryptography & Security Operation** Encryption standards, digital signatures, PKI, SSL/TLS
- **Automation & Scripting:** Python (automation scripting), Bash scripting, PowerShell.
- **Languages & Frameworks:** Java (Servlet, JSF, Spring, Hibernate, REST-API), JavaScript, Angular (Prime NG), Python, PHP, HTML, CSS
- **Database Management:** SQL (MySQL, Oracle, PostgreSQL, MS SQL Server, MS Access)
- **Operating Systems:** Linux (Ubuntu, Kali), Windows Server

Languages:

Bilingual fluent in English, native in French.

EDUCATION

Cyber Security Analysis (Ongoing)

ALGONQUIN COLLEGE – OTTAWA – ON

September 2024 - present

Computer Programming Diploma

ALGONQUIN COLLEGE – OTTAWA – ON

September 2023

PROFESSIONAL EXPERIENCE

Internship Web Developer

July 2023 – March 2024

YRG Engineering Paris France

- The Inventory Management project involved my responsibility for the development of an inventory export and import feature.
- Solution Development: I spearheaded the implementation of a method for exporting and importing inventory data, considering specific file formats, stringent security requirements, and intricate inventory management regulations.

Chawki Moulayat | Computer Programmer

- Testing and Validation: I conducted rigorous testing across various scenarios to ensure the flawless performance of the solution, while aligning it with end-user requirements.

Epidemiology Investigation and Research Officer

Feb 2021 - Apr 2022

Public Health Montréal, Montréal, Québec

- Served as an Epidemiology Investigation and Research Officer, conducting comprehensive research and investigations into disease outbreaks, public health risks, and other epidemiological issues.
- Promoted to the role of Special Cases Investigation and Research Officer responsible for investigating and solving complex cases, leveraging soft skills such as effective communication, teamwork, and problem-solving.
- Collaborated with various stakeholders, including health officials, government agencies, and community organizations, to develop and implement public health programs and initiatives aimed at improving health outcomes and reducing disease transmission.

French Trainer for the Public Service

Sep 2019 - Dec 2020

Ecole Learn2lang, Ottawa, Ontario

- Develop and implement lesson plans that align with provincial language curriculum standards
- Deliver engaging and effective French language instruction to students of various levels and age

ACADEMIC PROJECTS

- ◆ Incident Response & Threat Hunting
 - Investigated Indicators of Compromise (IOCs) using Wireshark, Kibana, and Security Onion, detecting RDP brute force, SQL Injection, and Cobalt Strike beaconing.
 - Analyzed Sysmon & Windows Event Logs to trace attacker activities, including privilege escalation, lateral movement, and data exfiltration.
- ◆ Penetration Testing & Exploitation
 - Conducted Linux penetration testing, exploiting Shellshock (CVE-2014-6271) and WordPress admin panel vulnerabilities.
 - Used Metasploit for privilege escalation and post-exploitation on misconfigured SMB shares.
- ◆ Application Security & Vulnerability Analysis
 - Identified SQL Injection, Cross-Site Request Forgery (CSRF), and Command Injection vulnerabilities in web applications.

Analyzed phishing emails for malicious payloads and social engineering tactics.

- ◆ Security Testing & Cryptographic Analysis
 - Used John the Ripper to assess password strength and compare encryption algorithms across different file types.
 - Evaluated SSL/TLS security configurations to detect weak ciphers.

CERTIFICATIONS

- Agile at work (Building Your Agile Team) (2023)
- Certification en Effective communication – Dale Carnegie International.