

LUCAS GOURLIA

EXPERIENCE

SOFTWARE DEVELOPER | LAVUE.CA - GATINEAU, QC

JAN. 2025 - JUN. 2025

- Developed an iOS App to perform eye measurements using **Swift** and **SwiftUI** via **Xcode**.

SOFTWARE DEVELOPER INTERNSHIP | LAVUE.CA - GATINEAU, QC

SEPT. 2024 - DEC. 2024

- 4 months internship focused on **Front-end** with Javascript for a new eye exam software developing **reusable HTML CustomElements**.

TEACHER ASSISTANT | UNIVERSITÉ DU QUÉBEC EN OUTAOUAIS - GATINEAU, QC

SUMMER 2024

- Course CYB1003 : Introduction to **Cybersecurity**, with approximately **20 students**.
- Shared knowledge on **Linux file system**, and **networking** using tools like **Wireshark**, **Metasploit**, and **Nmap**, and configuring **IDS** and **IPS** using **Snort**.
- Guided students through the process of encrypting and decrypting data using various **cryptographic algorithms**, including Feistel, and RSA ciphers.

TEAM MANAGER | ENTREPÔT DE LA LUNETTE - GATINEAU, QC

2021-2023

- Managed a team of **5 employees**, ensuring effective collaboration and productivity.

OPTICIAN | VARIOUS LOCATIONS - FRANCE / LUXEMBOURG / NEW-CALEDONIA / CANADA

2013-PRESENT

- Offered personalized eyewear **recommendation** for patients based on their **unique needs**.

PROJECTS

TOP - RANKING APP | SWIFT

APP STORE RELEASED MARCH 2025

- Developed an iOS app in Swift enabling users to create, rate, and evaluate ranked lists of items.

CYBERSECURITY TOOLS | BASH

2023-2025

- Steganography, Quick IP reconnaissance, Mac information ripper.

CURRICULUM WEBSITE | REACT.JS

2024

- Built my own resume website

LOGIN SYSTEM | PHP, SQL

2024

- Applied **hashing** and **salting** techniques to secure passwords, and stored user data in a **MySQL database**.

FACIAL MEASUREMENT IOS APP (OPTICIAN TOOL) | SWIFT

2025

- Developed an iOS App to perform eye measurements using **Swift** and **SwiftUI** via **Xcode**.

HACKATHONS & COMPETITIONS

FIRST PRIZE UHACK '23 | GATINEAU, QC

MARCH 2023

Led a team of 5 at uHack 2023 to develop a website prototype for CREDDO, showcasing wind and solar energy potential, and won first prize.

CS GAMES 2024 | MONTREAL, QC

MARCH 2024

Represented Université du Québec en Outaouais in Theoretical Computer Science at CSGames 2024 in Montréal.

UHACK 2023/2024/2025 | GATINEAU, QC

APRIL 2023/2024/2025

Programming competitions in teams, to solve real companies issues.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | CYBERSECURITY CONCENTRATION

JANUARY 2023 - EXPECTED APRIL 2026

UNIVERSITÉ DU QUÉBEC EN OUTAOUAIS - GATINEAU, QC

COMPTIA SECURITY+ CERTIFICATION

SEPTEMBER 2025

COMPTIA CERTIFICATION

[IN PROGRESS] SOC ANALYST CERTIFICATION

EXPECTED NOVEMBER 2025

HACK THE BOX ACADEMY - HTB CERTIFIED JUNIOR CYBERSECURITY ASSOCIATE

SKILLS

PROGRAMMING : Java, Javascript, Swift, C/C++, Python

CYBERSECURITY : Bash Scripting, SIEM (Elastic, Splunk), Networking, Nmap, Metasploit, Wireshark, MITRE ATT&CK...

WEB : React, Node, Ajax, Express, php, HTML/CSS

OTHER : Kali Linux Tools, Git, Docker, Xcode, MySQL, MS SQL Server, SQLite, MCUXpresso, Modelio