

## **Lucas Hunter**

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### **SUMMARY**

Fully bilingual Computer Science student seeking to gain valuable work experience. Possess countless hours of problem-solving and programming.

### **EDUCATION**

**UNIVERSITY OF NEW BRUNSWICK** - Bachelor of Computer Science

2019-2023

- Profound understanding of Java & C Programming
- Cooperated with like-minded individuals using fundamental software engineering techniques to complete a movie application (Java)
- Performed quantitative research to complete a Survey of Keylogger Attacks
- Completed music-related analysis of Spotify data sets. Information was compiled into boxplots, probability mass functions, and cumulative distribution functions to achieve comprehensibility and readability. (Python) (Pandas, NumPy)
- Relevant courses: Java I & II, Software Engineering, Database Design and Management, Systems Software Development (C), Data Structures & Algorithms, Operating Systems (C), Data Science, Information Safety

### **PROFESSIONAL EXPERIENCE**

**BARRINGTON CONSULTING GROUP** - Jr. Software Development Engineer

- Collaborated with a team of developers and business analysts to build spring-based web applications
- Utilized Rest API, MySQL, Crud Repositories, Maven, and Git to complete back-end operations
- Participated in SCRUM meetings
- Programmed in Java and debugged API requests using Postman to complete tasks within sprint deadlines

**GARDERIE L'ENVOLEE** - Teacher - Éducateur

- Maintained a welcoming, friendly, engaging classroom environment where students felt safe and comfortable
- Introduced fun lesson plans
- Communicated and collaborated with parents, coworkers, and administration when necessary

### **PROGRAMMING PROJECTS**

**YOUTUBE TO MP3 CHROME EXTENSION (Full-Stack)**

A Google Chrome extension capable of converting any YouTube video into a downloadable 128kbps MP3 file.

Important learning aspects and challenges include:

- Communication between front and backend using Chrome API
- File type conversion
- Inviting and user-friendly UI with help of HTML & CSS

**2D ARCADE GAME (Full-Stack)**

The goal of this game is to collect as many points as possible before the time runs out. This application was created with the help of external python libraries.

Important learning aspects and challenges include:

- Manipulating a vehicle using WASD Keys
- Creating interactive sprite objects that can be collected for points
- Developing a system that calculates a user's score

**DIGITAL BUSINESS CARD (Full-Stack)**

A physical card capable of sharing contact information in a modern way.

Important learning aspects and challenges include:

- Mobile-friendly landing page containing relevant links and contact information
- Embedding information in a physical card using NFC technology