

Lucas Hunter

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lucashunter.ca/

SKILLS

TECHNICAL: Java, C Programming, Python, SQL, JavaScript, Git, REST, HTML, CSS

LANGUAGES: Fully Bilingual (English/Français)

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
- Developed an Operating System capable of scheduling tasks using various scheduling algorithms, performing multiprocessing and multithreading computing
- 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

MAY 2022-

- 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

MAY 2019-2021

- 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 the help of HTML & CSS

GAME DEVELOPMENT (Full-Stack)

The purpose of this game is to help Crush, the Turtle from Nemo, and his friends break loose from their nets to save them from pollution! How many turtles can you save before you lose your breath?

Important learning aspects and challenges include:

- Generating interactive turtle sprites
- Implementing a 'shop' system where users can purchase power-ups with in-game currency
- Developing a system that calculates and saves a user's high 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