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 Java, tested with Postman to complete tickets for sprints

GARDERIE L'ENVOLÉE - 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

DIGITAL BUSINESS CARD (Full-Stack)
A physical card capable of sharing contact information in a modern way.
Important learning aspects include:

- Mobile-friendly webpage holding links and contact information using HTML & CSS
- Embedding webpages in a physical NFC card

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 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 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