Sierra Howe

Faculty of Computer Science Co-op Program

Education:

May 2023 – Present	Bachelor of Computer Science University of New Brunswick, Fredericton, NB Current GPA: 3.5
September 2022 – April 2023	Bachelor of Science in Software Engineering
June 2022	Graduated with Honours, Leo Hayes High School Fredericton, NB

Work Experience:

September 2023 – December 2023 — **UNB Integrated Technology Services**, Fredericton, NB
Student Consultant
- Reviewed, analyzed, and resolved IT issues of all types.
- Provided in-person IT support as well as managed support requests via phone calls and through an online ticketing system.
- Collaborated with team members to achieve shared goals and investigated recurring problems to implement long-term solutions.
- Worked with various operating systems such as Windows, MacOS, Linux, iOS, and Android.

September 2024 – December 2024 — **CGI**, Fredericton NB, Technology Consultant
- Worked with the Endpoint Services team to deliver technical support for device management, software troubleshooting, and Microsoft Intune-related challenges.
- Managed daily IT tasks, ensuring efficient resolution and effective client communication.
- Grew a deeper technical understanding of Windows and other operating systems through firsthand experience and training.

- Facilitated productive client interactions, ensuring issues were resolved efficiently and professionally.

<u>Volunteer Experience:</u>

September 2021 – June 2022

Leo Hayes High School, Fredericton, NB
Renaissance Club, Executive Member
- The mission is to transform school climate and culture.
- Managed the social media account.
- Responsible for public speaking during events.
- Organized events and activities to increase engagement amongst students and staff.

June 2022

Leo Hayes High School, Fredericton, NB
Safe Grad and Prom Committee Member
- Implemented the design, theme, and activities.

September 2021

Leo Hayes High School, Fredericton, NB
Team Member
- Collection of goods for the "Stuff a Bus" event.
- Organized items received for the Feed the Lions (student hunger) Program.

June – August 2021

Tutoring, Fredericton, NB
- Provided tutoring for an Elementary/Middle school student.
- Improved reading and development of literacy skills in both English and French.

<u>School Experience:</u>

January – April 2024

CS 2613 – Programming Languages Laboratory
Topics include:
- Focused on independently learning new programming languages with supervised labs.
- Covered Python, JavaScript, Octave/MATLAB, and Racket.
- Focused on problem analysis, algorithm design, program structure and readability.
- Covered recursion, encapsulation, inheritance, polymorphism, simple data structures and files, testing and debugging.

- Applying knowledge to create working and efficient programs.

Skills:

Programming Skills: Java, Python, JavaScript, DrRacket, GNU Octave, SQL

Operating Systems: Linux/Unix, Microsoft Windows, iOS/MacOS, Android

Testing Frameworks: JUnit

Other: Bilingual in French (Superior proficiency), GitHub

Certifications:

- Scaled Agile, Inc. - Certified SAFe 6 Practitioner

Hobbies:

- Reading
- Swimming
- Knitting
- Music
- Baking

Academic Awards:

2022 – 2023   Edwin Jacob Special University Scholarship
2022 – 2023   Alastair and Jennifer Grant Scholarship in Computer Science
2022 – 2023   Margaret Wallace Porter Scholarship
2023 – 2024   Dean's List
2024 - 2025   Edwin Jacob Special University Scholarship

References:

Available upon request