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Hugo Cornellier
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EDUCATION

B. Sc in Computer Science **University of New Brunswick** **Sept 2019 – Aug 2023**
GPA: 3.7 *First Division Graduate*

EXPERIENCE

Junior Software Developer **Bulletproof** **Aug 2023 - Present**

- Design, develop, and debug responsive web applications
- Utilize React, Node.JS, NoSQL, TypeScript and other technologies
- Engage in code reviews, design discussions and testing

Software Engineering Tutor **University of New Brunswick** **Sept 2020 - Aug 2023**
• Mentoring students on computer science practices, including but not limited to: Machine-level Programming, Algorithms & Mathematical Logic, Web Development, Natural Language Processing, Calculus

Math & Calculus Tutor **John Abbott College** **Sept 2012 - June 2016**
• Mentoring High School and College students on topics related to Math, including Algebra, Calculus and more.

SKILLS

- Tools: Git, Jira
- Languages: JS, PHP, Python, Java, Kotlin, HTML/CSS, SQL, Java, Bash, C
- Frameworks and Libraries: React, Node.js, TypeScript, Bootstrap
- Other: Bilingualism

AWARDS

Dean's List 2022/23
• Received **Dean's List** honours

First Division
• Graduated in August 2023 in **First Division**

PROJECTS

UNB Live Poker (2-5 Players)
<https://github.com/hugocornellier/unb-poker>
• Online Texas Holdem game with HTTPS & HTTP functionality
• Server written in **nodeJS**. UI is provided through **HTML/CSS** and **JS**. Developed as a team-based Agile project

Orc Rush
<https://github.com/hugocornellier/orc-rush-tower-defense>
• Tower defense application developed as a team-based Agile project. Written in vanilla **JS**, UI provided through **HTML/CSS**

FAT32 Disk Image Browser
<https://github.com/hugocornellier/fat32-reader>
• Wrote a program that performs operations to FAT32 disk images: read, browse, extract and write
• Program written in **C**