

hugo.cornellier@gmail.com
+1 506 230-9751

Hugo Cornellier
hugocornellier.com

GitHub: hugocornellier
LinkedIn: hugocornellier

EDUCATION

University of New Brunswick	Fredericton, New Brunswick	Sept 2019 — Apr 2023
• B. Sc in Computer Science		GPA: 3.7 (Cumulative)

EXPERIENCE

Data Engineering Intern	TD Bank	May 2021 - August 2021
<ul style="list-style-type: none">Applied machine learning & NLP techniques to identify database fields that contain customer data restricted by privacy lawsDeveloped Python pipeline for AWS Lambda to identify relevant metadata entries using BOW features for SVM classificationAnalyzed data stored in PostgreSQL with tools from the NLTK & Gensim libraries as part of an Agile team		

Software Engineering Tutor	University of New Brunswick	Nov 2020 - Present
<ul style="list-style-type: none">Teaching students on computer science practices, including but not limited to; web development with HTML/CSS, security, NLP, machine-level programming, algorithms & mathematical logic		

Math & Calculus Tutor	John Abbott College	2012 - 2016
<ul style="list-style-type: none">Teaching high school students topics related to grade 7-11 math basics, including algebra, pre-calculus and more		

TECHNICAL SKILLS

- Languages: Java, C, JS, PHP, Python, SQL, HTML/CSS, Bash
- Frameworks and Libraries: Spring, Node.js, Vue.js
- Tools: Git, Linux, Docker, AWS (DynamoDB, Kinesis, S3, EC2), Gradle, Maven, Jira, JWT, CI/CD

PROJECTS

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**

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

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**

Video2Timelapse

<https://github.com/hugocornellier/Video2Timelapse>

- Simple application to convert any video file into a time-lapse. Written in **Python** - UI provided through **Tkinter**

To-Do-Ganizer

<https://github.com/hugocornellier/to-do-ganizer-javafx>

- Produced a demo of an application to streamline the organization of school deliverables for students and teachers
- Implemented display with **Java** & **JavaFX**

AWARDS

Dean's List 2022-2023 (University of New Brunswick)

- Received **Dean's List** honors with a 3.77 GPA