Hugo Cornellier

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EDUCATION

University of New Brunswick   **Fredericton, New Brunswick**   Sept 2019 — Apr 2023

- **B. Sc of Computer Science**   GPA: 3.9 *(4th/Present Year)*, 3.75 *(Total)*

EXPERIENCE

Data Engineering Intern   **TD Bank**   May 2021 - August 2021

- Applied machine learning & NLP techniques to identify database fields that contain customer data restricted by privacy laws.
- Developed Python pipeline for AWS Lambda to identify relevant metadata entries using BOW features for SVM classification.
- Analyzed 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

- 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

- Teaching high school students on grade 7-11 math basics [...]

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, $3, 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
- Application written in vanilla **JS**, with the UI provided through **HTML/CSS**

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 main UI through the use of **Java/JavaFX.**

Caterpillar (Classic Arcade Remake)
https://github.com/hugocornellier/caterpillar-arcade-game-C
- [...]

AWARDS

Classroom Programming Competition 2022
https://github.com/link
- Won **1st place** prize out of 89 students in a 3 hour competition