# BRIANNA DREW

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## TECHNICAL SKILLS

- HTML/CSS
- JavaScript
- SQL
- PHP
- Python
- C#
- Java

- C/C++
- Version Control (Git)
- Scripting Languages
- Web Design & Development
- Software Design & Development
- Software Engineering
- Data Science & Analytics

- Data Mining & Visualization
- Data Structures & Algorithms
- Database Management & Design
- Artificial Intelligence & Machine Learning
- Technical Writing & Editing
- Windows & Linux

## EDUCATION

### CENTRE FOR DIGITAL MEDIA
Vancouver, BC

Master of Digital Media

Expected 2024

- Collaborating in multidisciplinary agile teams and applying existing knowledge to creative ventures.
- Expanding upon existing skill sets and opening more opportunities to contribute to developing meaningful products.
- Communicating with real-world clients in a professional setting to prepare for future career endeavours.

### TRENT UNIVERSITY
Peterborough, ON

Bachelor of Science with Honours

Sep 2017 - May 2022

Major in Computer Science; Specialization in Data Analytics

- Received the Dean´s List Academic Achievement Award in multiple semesters.
- Developed invaluable programming skills in the Computer Science and Mathematics fields and applied them to innovative projects.
- Evaluated and critiqued peers' code and documentation as a student marker for 2 semesters.
- Served as a student representative in Computer Science departmental meetings to offer insight and feedback from the perspective of myself and fellow students.

## PROJECTS

### RECIPE-SHARING WEBSITE
2021

Trent University

- Designed and implemented a fully functional recipe-sharing website with database integration and an intuitive design using HTML, CSS, PHP, and JavaScript.
- Researched similar existing products to analyze strengths and weaknesses.
- Devised measures to handle various security risks and threats.
- Demonstrated a fundamental understanding of both front-end and back-end development and design principles.
- Earned a perfect 100% grade in Web Application Development course.

### AI-POWERED CONFLICT RESOLUTION CHATBOT COACH
2023

Centre for Digital Media

- Tasked with developing an AI-powered chatbot web app to coach users through conflict using custom knowledge based on the client's own conflict resolution course.
- Spearheaded the development and implementation of the AI functionality using Python.
- Explored the possibilities and limitations of OpenAI's LLMs when trained on limited custom data for a specific use case.
- Investigated the potential and constraints of intent classification and natural language processing with minimal training data.
- Provided clients with comprehensive technical documentation and future recommendations backed by extensive research.

## WORK EXPERIENCE

### PILLAR FINANCIAL SERVICES INC. (Solution-based residential and commercial mortgage lender)
Sharbot Lake, ON

Mortgage Administration Support

Apr 2018 – Aug 2022

- Organized and handled sensitive data with attention and care for over 200 mortgage and client files.
- Adapted to shifts in the company infrastructure by taking on new responsibilities each summer with increased responsibility.
- Exceeded expectations by completing various unfamiliar tasks with minimal notice as needed to support colleagues.