

Briana Burton

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EDUCATION

Conestoga College | Waterloo, ON

January 2020 – May 2023 (Expected)

Software Engineering Technology, Advanced Diploma

- **Relevant Courses:** Mobile Application Development, Web Development, Data Structures, Operating Systems, Advanced SQL.
- **Extra Curriculars:** Client of the Conestoga Entrepreneurship Collective, member of the **Google Developer Student Club**.

Wilfrid Laurier University | Brantford, ON

September 2018 – January 2019 (Transferred)

User Experience (UX) Design, Bachelor of Design

EXPERIENCE

Software Developer Intern

December 2022 – Present

GAOTek Inc. | New York, NY, USA (Remote)

- Collaborated with a team in an **agile** setting to design, implement, maintain, and deploy various internal apps using **Java & C#**.
- Contributed to shaping the technical vision and strategies of a team through **data-driven** recommendations and analysis.

Game Programmer Mentorship

October 2022 – Present

Ubisoft Toronto | Toronto, ON, Canada

- Selected to participate in Ubisoft Toronto's Develop at Ubisoft mentorship program in **game design** and **game programming**.
- Collaborated with mentors and colleagues in the development of game project demos in C++ using APIs such as **OpenGL**.

Co-Founder & Software Developer

January 2022 – Present

HOOD – www.tryhood.com | Guelph, ON, Canada

- Designed front-end with **30+ unique interfaces** for a Xamarin based cross platform **mobile app** using Adobe XD, XAML, C#.
- Spearheaded demos leading to partnership with **Microsoft for Startups**, the **Accelerator Center**, and **Conestoga College**.

PROJECTS

Windows Service TCP/IP HiLo Guessing Game

December 2021

https://github.com/bburton0334/hilo_game_windows_service

XAML, C#, Azure, WPF

- Developed a WPF guessing game & **multi-threaded** C# server running as a **Windows Service** hosted on a **Azure** virtual machine.
- Created the logic behind the TCP/IP protocol which allowed for communication between **multiple clients** and 1 remote server.

Transportation Management System

October 2021 – December 2021

<https://vimeo.com/745878235>

C#, .NET Framework, WPF, MySQL, XAML, SCRUM

- Designed a **full-fledged** C# application which calculates transport costs & travel distance using **MySQL database** info.
- Collaborated with a team of 4 using **Agile** development practices to design & develop the system over a 2-month period.
- Developed **20+** WPF/C# interfaces allowing log viewing, cost calculation, database modification, and transport calculations.
- Used **object-oriented** programming principles and detected program bugs through **test-driven development**.

Web-Based "Notepad" Text Editor

December 2021

https://github.com/bburton0334/asp.net_text_editor

JavaScript, ASP.NET, C#, jQuery, JSON, AJAX, HTML/CSS

- Designed a text editor in ASP.NET with jQuery, AJAX to communicate to the C# & JavaScript logic to **open, edit, save** files.
- Created **real-time updates** allowing user files to be seen visually in a drop-down list without needing to refresh the page.

CERTIFICATES

Nov 2022 **Mastercard**, Cybersecurity Virtual Experience Participant

Cert ID: xft5rLwTFx8XriZhr

Sep 2022 **Goldman Sachs**, FinTech Engineering Virtual Experience Participant

Cert ID: uJ4yTGnQHSgkqPgbY

Jul 2022 **IBM**, IBM Applied AI Professional Certificate

Cert ID: ZU3FHJZMHFMV

SKILLS

Programming Languages: C#, Python, JavaScript, C, C++, Java, PHP, SQL, T-SQL, HTML/CSS, ARM Assembly, Classic ASP

Tools & Platforms: Azure, AWS, Heroku, Linux, MySQL, SQLite, SQL Server, CockroachDB, Android Studio, Git/GitHub

Frameworks & Libraries: Bootstrap, jQuery, .NET Framework, Android SDK, Ruby on Rails

Other Skills: Agile Methodologies, User Interface, Test Driven Development, Common Gateway Interface