

# Damanjit Gill

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## SKILLS

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<i>Programming</i>	Python, C#, SQL, JavaScript, HTML/CSS, Pandas, Django
<i>Dev Tools</i>	Git/GitHub, PyCharm, Visual Studio, Visual Studio Code, Heroku
<i>Software</i>	Office 365 Suite, G-Suite, Adobe Premiere/Photoshop/Illustrator, LaTeX, pgAdmin, dBeaver

## EDUCATION

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### Candidate for Bachelor of Computing and Financial Management *Computer Science & Finance*

Sep 2020 - Present

*University of Waterloo*

## EXPERIENCE

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### Programmer & Computer Support

May 2021 - Aug 2021

*Environment Canada, Toronto, ON*

- Developed various Python scripts to automate tasks such as checking a website and its sub-pages for any expired links
- Analyzed and converted over 10 years of collected data to NASA AMES format using Python and Pandas
- Provided programming and technology support to a department with 100+ developers and scientists

### Volunteer

Jun 2018 - Present

*Office of the Milton MPP, Milton, ON*

- Provide a youth perspective on various constituency issues such as education systems
- Assist the MPP with day-to-day tasks such as writing/proofreading social media posts
- Initiated and participated in development of a website for the MPP

### Back Shop Attendant

Mar 2019 - Aug 2019

*ClubLink Corporation, Milton, ON*

- Engaged with customer needs on the fly, ensuring a quality experience for 50+ customers each day
- Responded to customer inquiries in a timely and concise manner

## PROJECTS

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### WeatherVibe *JavaScript, HTML, CSS*

- A web app that builds a music playlist filled with songs based on the weather at the user's location
- Interacts with the official Spotify API using OAuth 2.0 Implicit Grant Flow user authorization
- Obtains latitude/longitude using HTML5 Geolocation, which is used with an API to obtain local weather information
- Dynamically generates recommendations using associations between attributes of weather and music
- Built for Hack the North 2020++

### Conway's Game of Life *C#*

- An emulation of cellular reproduction using a 2D grid space
- Implements the rules of the zero player game Conway's Game of Life

### Django Blog *Python (Django)*

- A simple web blog application with a fully featured user account system
- Users can create and later update or delete posts on the blog
- Account system includes functionality for users to edit their profile and reset their password via email
- Deployed online via Heroku