

Damanjit Gill

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SKILLS

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

EDUCATION

Candidate for Bachelor of Computing and Financial Management

Computer Science & Finance

University of Waterloo

Sep 2020 - Present

EXPERIENCE

Programmer & Computer Support

Environment Canada, Toronto, ON

May 2021 - Aug 2021

- Developed various scripts to automate tasks such as checking a website and its sub-pages for any expired links
- 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+ members

Volunteer

Office of the Milton MPP, Milton, ON

Jun 2018 - Present

- Provide a youth perspective on 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

ClubLink Corporation, Milton, ON

Mar 2019 - Aug 2019

- 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

WeatherVibe JavaScript, HTML, CSS

- A web app that builds a music playlist filled with recommendations 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#

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

Sudoku Solver Python

- Solves Sudoku puzzles inputted by the user
- Uses recursive backtracking algorithm to progress through potential solutions