

Katie Liu

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❖ (647) 326-8161 ❖ North York, ON

OBJECTIVE

A computer programming student seeking a co-op position where I can use and further my skills to write and test code in a production setting.

PROFILE

- Passionate about programming, designing solutions and solving problems
- Self-starter and confident in my ability to research and self-learn
- Team player with years of experience meeting deadlines in a professional environment
- Displayed strong, written and presentation skills in academic and employment settings

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, Python, Java, PowerShell, Bash, SQL
- **Web development technologies:** HTML5, CSS, Node.js, Bootstrap
- **Tools:** Visual Studios, Visual Studios Code, Word/Excel/PowerPoint, GitHub

PERSONAL/SCHOOL PROJECTS

[Personal Website \[GitHub\]](#)

Apr. 2022

- Used HTML5, CSS stylesheets, CSS box models, flexbox
- Wrote JavaScript functions, event handlers
- Designed forms, used POST, field validation using regex and JavaScript

[Online Store \[GitHub\]](#)

Mar. 2022

- Used HTML5, JavaScript to design the base of an online store
- Wrote JavaScript functions, made DOM API calls to manage dynamic content

[Inventory Management Program \[GitHub\]](#)

Apr. 2022

- Use C++ to write a program to manage inventory items
- Program allowed for items to be added, removed, displayed, and saved at the end of the session
- Used dynamic memory allocation, virtual functions, overloading, shadowing, reading and writing to a file

WORK PROJECTS

Python scripts for animation in Autodesk Maya

Aug. 2021

3D Animator, Guru Studio

Toronto, ON

- Coded and presented scripts that saved animators time by automating repetitive tasks
- Scripts allowed animators to save/load data, and allowed for easy selection of various parts of the 3D models

Python scripts for animation in Autodesk Maya

Feb. 2018

3D Animator, DHX Studios

Halifax, NS

- Was requested to build a tool for animators to use on an upcoming project
- Tool allowed animators to select parts of each 3D model, and automated repetitive tasks

EDUCATION

Seneca College

Sep. 2021 – Apr. 2025 (Expected)

Computer Programming & Analysis, Ontario College Advanced Diploma

North York, ON

- 4.0 GPA in the Computer Programming & Analysis program
- President's Honour List Winter 2022 & Fall 2021
- MBNA Scholarship Winter 2022
- Varsity Athletic Scholarship, Winter 2022 & Fall 2021
- Varsity badminton athlete, placed 4th at College National Championships