

Nilson Gao

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📍 Toronto, ON

in nilson-gao

🔗 Gao-N

🔗 gao-n.github.io

SKILLS

Python

Over 2 years of experience using Python. libraries worked with: NumPy, Pandas, and Matplotlib. The experience was reinforced when teaching others.

Microsoft Office

Excel, VBA, Word, Powerpoint

Experience: Academic Usage, Personal Budgeting

Communication

developed and strengthened over long periods of volunteering at the library and KAST

C

Academic purposes, implemented abstract data types/structures

SQL

HTML/CSS/JS

Used and learned during the creation of a portfolio site. implemented Tailwind CSS and ReactJS. Hosted on github pages, learned basic git

Organization

Planning/Scheduling, Organizing Ensemble Rehearsals

Team-Planning

Section Senior for Ensemble, Senior Library Volunteer

Java

Academic purposes

EDUCATION

Bachelor of Science - Statistical Machine Learning and Data Science Co-op

University of Toronto [🔗](#)

Expected Graduation: June 2025

Entrance Scholarship: \$1000

Sep 2021 – present
Toronto, Canada

ORGANISATIONS

University of Toronto [🔗](#)

Python Teaching Supervisor

- Volunteered to teach and supervise beginner python programmers at a one-time exclusive club event. [🔗](#)
- Strong communication skills were used to give clear responses to inquiries and suggest new ideas to motivate engagement.
- Collaborated with other highly motivated assistants.

Sep 2022 – Sep 2022
Toronto, Canada

Kids Are Scientists Too (KAST Ontario) [🔗](#)

General Branch Member

- Discussed possible scientific topics and experiments with the staff advisor and executives, which were then planned and split upon by general members to perform.
- Gathered resources and prepared lecture materials in the form of online recordings.
- Participated in over 2 subjects as a presenter and lecture content creator with other Members.

Oct 2020 – Jun 2021
Toronto, Canada

Agincourt Collegiate Institute

Senior Volunteer Coordinator

- Utilized creativity and analytical - thinking skills to increase visitors by over 52%
- Increased rates of customer satisfaction using proficient communication and social skills
- Experience dealing with a diverse group of visitors, including general staff members, students, teachers, etc.
- Trained new volunteers while managing resources in the library by searching catalogues, shelving books, and letting students use computers, allowing me to learn multi-tasking and time management skills.
- Developed team player mindset by coordinating with Librarian and other volunteers, resulting in increased efficiency by at least 33% (takes $\frac{2}{3}$ of the usual time to finish tasks).

Sep 2017 – Mar 2021
Toronto, Canada