

Eli Preston

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Summary of Qualifications

- Highly motivated learner eager to develop and learn new skills from people with more/different experience
- Excellent communication skills with a keen interest in delivering the best possible results
- Very well organized and able to handle multiple projects/tasks while in a fast paced environment
- Strong problem solving skills with a great interest in solutions that benefit many people

Core Languages: Python, Java

Familiar Languages: JavaScript, Rust, C, Lisp

Tools & Frameworks: React, FireBase, Materialize, HTML/CSS, Pandas, MatPlot, Numpy, Tkinter, Matplot, Git, NodeJS, APIs, macOS, Linux, Windows OS

Work Experience

Hardware Sales Associate – The Home Depot | Toronto ON | May - Aug 2022

- Proactively engaged with customers to make sales resulting in the hardware department consistently making \$15k-\$20k a day
- Greatly developed communication skills in the context of listening to customers' projects, assessing their needs through specific/directed questions, and using prior knowledge to provide them with the best product options

Volunteer Experience

Staff – CppNorth 2023 | Toronto ON | July 2023

- Monitored the conference for any questions or concerns attendees were having
- Assisted in recording multiple seminars each day of the conference which were later posted to YouTube
- Eagerly learned new skills, habits, and concepts while being immersed with industry professionals

Attendee/Team Member – MetHacks 2023 | Toronto ON | May 2023

- Cooperated with 3 other developers to brainstorm and develop a website/service to help people get into car tuning in an eco-friendly way
- Presented the project which used Cohere's LLM API, NodeJS, and HTML/CSS to a panel of 3 judges who positively encouraged the project to be taken farther

Projects

ChatGPT Survey Data Visualization (CPS412 ~ Ethics in CS) | Python, Pandas, MatPlot, Numpy | [GitHub Link](#)

- Collaborated with 2 classmates to design a survey about ChatGPT, distribute the survey, and analyze the data
- Analyzed the data of 100+ responses and visualized it with graphs created using the Python libraries Pandas, MatPlot, and Numpy

Spotify API Playlist Scraper | Python, Requests, JSON | [GitHub Link](#)

- Learned how to use Spotify's **API** to scrape all the data of a specific user's public playlists and compile the data into an easily readable JSON file

Education

Toronto Metropolitan University | Honors BSc – **Computer Science** – Co-Op | Toronto, ON | Graduating May 2027

- CGPA: 3.7
- Dean's List 2022-2023 Academic Year
- Entrance Scholarship (94% highschool avg. in the **International Baccalaureate Programme**)

Relevant Courses: Python OOP, Java OOP, Discrete Math, Data Structures & Algorithms, Unix & C

Extracurriculars: TMU Algorithms and Coding Club