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 with a keen interest in delivering the best possible results while under pressure
- Very well organized and able to handle multiple projects/tasks in a fast paced environment
- Strong problem solving & analytical skills with a great interest in solutions that benefit many people

Skills

Languages: Python, Java, JavaScript, Lisp, C, Rust (in-progress), JCL (in-progress)

Tools & Frameworks: React, Tailwind CSS, FireBase, Materialize, HTML/CSS, JSON, Pandas, MatPlot, Requests, Numpy, Tkinter, Matplot, Git, NodeJS, APIs, MS excel, Bash

OS & More: macOS, Linux, Windows OS, z/OS, IBM Mainframe, Strong problem solving skills, Strong communication skills, Strong analytical skills

Projects

Personal Portfolio Website | React, Vite, Tailwind, npm, GitHub Pages | [Link](#) / [GitHub Link](#) | September 2023
- Designed and developed a personal website using the ReactJS framework, Tailwind CSS, the Vite build tool for a faster development process, and GitHub pages to host it
- Continued to develop my ability and knowledge to work through bugs and deployment issues throughout the development process

Spotify API Playlist Scraper | Python, Requests, JSON | [GitHub Link](#) | November 2022
- Learned how to use Spotify's **API** to scrape all the data of a specific user's public playlists and compile the data of into an easily readable **JSON** file
- **JSON** files created contained many playlists, hundreds of songs, and the songs' 'attributes' across a user's many different playlists

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 for attendee questions and concerns while being immersed with industry professionals who imparted valuable knowledge and habits throughout the conference
- Assisted in recording several seminars for the conference which were later posted publicly to CppNorth's YouTube channel with more than 3k subscribers

Attendee/Team Member – MetHacks 2023 | Toronto ON | May 2023
- Cooperated with 3 other developers to brainstorm, develop, and present a website/service to help people educate themselves on car tuning in an eco-friendly way using Cohere's **LLM API**, **NodeJS**, and **HTML/CSS**

Education

Toronto Metropolitan University | Honors BSc – *Computer Science* – Co-Op
- Dean's List 2022-2023, Entrance Scholarship (94% in the **International Baccalaureate Programme**)

Relevant Courses: Python OOP, Java OOP, Discrete Math, Data Structures & Algorithms, Unix & C, Intro. to Cybersecurity

Extracurriculars: TMU Algorithms and Coding Club, Intramurals Soccer League, IBM Zxplore learning