

Weiyuan Hua

Markham, ON., L3P4P5

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SUMMARY OF QUALIFICATIONS:

- Proficient in different programming languages such as Python, C, C#, JavaScript, and Java. Developed over 6 years of use for both academic and professional purposes.
- 5+ years of experience in Coursera self-studying, completed several academic certificates such as Google IT Support Specialist, IBM Generative AI Engineering...
- Proficient in database management with experience in MySQL, MS SQL, SQLite, and MongoDB.
- Developed and released Seven open-source applications; published one application on the App Store.
- Rapid learning speed, in addition to a deep understanding of the material for both academic and professional purposes.
- Solid communication skill developed through more than 60 hours of volunteering, ability to talk with anyone for a long time and answer questions carefully in a fast-paced environment.
- Well prepared team management skill exhibited through more than 2 years of club executives and experiences of setting up schedule events and organize regular week meetings.

EDUCATION & TRAINING:

Candidate, Honours Bachelor of Science (Coop)

2023-Present

University of Toronto Scarborough, Scarborough, ON.

- Awards: University of Toronto Entrance Scholarship (\$12000)

IBM Generative AI Engineering Professional Certificate
Coursera

2025

How to build modern websites
Web3 Davinci Competition, On

2023

Prepare for Cloud Machine Learning Engineer
Coursera Google Cloud

2022

Google IT Automation with Python
Coursera Google

2021

Google IT Support Specialist
Coursera Google

2020

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Relevant Experiences:

Intern Software Developer

May 2025 to Aug 2025

Giesecke+Devrient, Markham, On.

- I successfully migrated over 15 projects—including some with more than 20 years of legacy code—to the latest version of .NET.
- I designed and implemented a new C# application that automatically generates reports from provided data.
- I have been actively conducting testing and creating comprehensive documentation.

Intern Software Developer

Jan 2023 to Mar 2023

Sylogix, Markham, ON.

- Build a website with the last 10 years of water quality data in a professional table form using HTML/CSS/JS.
- Analyzed and compiled the database, then used Python to manipulate the data through tools such as Pandas and NumPy.
- Efficient communication skills developed through working with team and understanding the customer needs.

President of Computer Science Club

Sep 2022 to Jun 2023

Markham District High School

- Provided detailed lessons about programming such as Python and Java, also helped general members with debugging their scripts.
- Planned out projects and tasks to do as a club such as creating Minecraft water gun mod, and flappy bird.
- Set up regular meetings every week and executive meetings and make them as warm and welcoming as possible.
- Prepared for club booth to attract more members through advertising and speeches, then consulted with the school for more funds.

Intern Web Programmer

July 2022 to Aug 2022

MicroHeadline, Scarborough, ON.

- Discovered and saved information from company's websites using Python scraper to improve work efficiency by more than 120% compared to manual work.
- Wrote a script to automatically upload and control webpages through libraries such as Selenium and AutoGui.
- Assisted in Excel timetable building and took meeting notes using Microsoft tools namely, Excel and Word.