

Weiyuan (Owen) Hua

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EDUCATION

University of Toronto Scarborough <i>Honours Bachelor of Science (Co-op), Computer Science</i>	Scarborough, ON 2023 – Present
– Specialization: Comprehensive Stream – Awards: Entrance Scholarship (\$12,000)	

TECHNICAL SKILLS

Languages: Python, C#, Java, C, JavaScript, HTML/CSS
Frameworks/Libraries: .NET, Pandas, NumPy, Selenium, PyAutoGUI
Databases: MySQL, MS SQL, SQLite, MongoDB
Certifications: IBM Generative AI Engineering (2025), Google Cloud ML Engineer (2022)

EXPERIENCE

Giesecke+Devrient <i>Intern Software Developer</i>	May 2025 – Aug 2025 Markham, ON
– Spearheaded the migration of 15+ legacy projects to the latest .NET framework, modernizing systems aged over 20 years.	
– Engineered a C# automation tool to generate reports from raw data, significantly reducing manual administrative overhead.	
– Authored comprehensive technical documentation and executed rigorous testing suites to ensure long-term system stability.	
Sylogix <i>Intern Software Developer</i>	Jan 2023 – Mar 2023 Markham, ON
– Developed a responsive data visualization platform using HTML/CSS/JS to display 10 years of water quality metrics.	
– Implemented backend data processing pipelines using Python (Pandas/NumPy) to clean and structure complex datasets.	
– Collaborated with cross-functional teams to translate client requirements into technical specifications.	
MicroHeadline <i>Intern Web Programmer</i>	July 2022 – Aug 2022 Scarborough, ON
– Built a Python web scraper to automate data retrieval, increasing team efficiency by 120% over manual entry.	
– Automated content management and upload workflows using Selenium and PyAutoGUI scripts.	

PROJECTS

Open Source Software Suite <i>Python, C#, Mobile</i>	
– Designed and released 7 open-source applications, with one successfully published to the App Store.	
– Managed full product lifecycle from concept to deployment, focusing on user-centric design and performance.	
Web3 Davinci Competition <i>Blockchain, Web3</i>	2026
– Secured 1st Place in the provincial hackathon, developing a real time AI assistant under tight deadlines.	
CS Club Leadership <i>President</i>	Sep 2022 – Jun 2023
– Mentored students in Python and Java programming, organizing weekly workshops and debugging sessions.	
– Directed club initiatives including Minecraft mod development, fostering a collaborative coding environment.	