

Sigmund Wang

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EDUCATION

University of Toronto (*cGPA: 3.8/4.0, 2022-2025 Dean's List*)

2022 – 2027

*Honours BSc, Specialist in **Computer Science**, Minor in **Statistics**, received 10,000-dollar scholarship*

TECHNICAL SKILLS

Languages: C#, Python, JavaScript/TypeScript, SQL, HTML/CSS, Java, C/C++, Assembly, Shell Script, R

Frontend: React, Vue, AngularJS; Bootstrap, Tailwind, MUI, React Native, Figma

Backend: .NET, Node.js, Express.js, Selenium, Spring Boot, Maven, FastAPI, Django, Flask

Data/DevOps: AWS, PostgreSQL, Azure, GCP, Docker, Firebase, MongoDB, PowerBI, Redis, MySQL, Neo4j

Developer Tools: Git, Jira, Vercel, Ubuntu, Excel, SpecFlow, Linux, Android Studio, Visual Studio, Unity

EXPERIENCE

TD

May 2026 – Aug 2026

Software Engineer - Internship

Toronto, ON

Dayforce (Ceridian)

Sep 2025 – Apr 2026

Software Developer - Co-op

North York, ON

- As part of the **Scheduling team**, deliver high-quality tickets in scrum cycles for companies as **Longos** and **Lululemon**.
- Developed features for the newer generation Dayforce product, using **React**, **C#**, **.NET** and Git for a complete workflow.
- Increased Unit test coverage by **6%** within department, utilizing SpecFlow and Multiple **AI models** like Copilot and GPT.

Healthcare of Ontario Pension Plan (HOOPP)

Sep 2024 – Apr 2025

IT Audit - Co-op

Toronto, ON

- Saved **\$40,000 annual** license cost by building a **React + FastAPI** system using Selenium, Tesseract and Pillow
- Gathered **1k+** tickets in Azure and ServiceNow, collaborating with **PwC**, enhanced over **200%** efficiency for the team with clear instructions and documentation, **outperforming** the efficiency of UiPath RPA
- Strengthened knowledge of fullstack, DevOps and IT General Control. Led a **lecture** on SDLC and automation

Standard Software Inc.

May 2024 – Aug 2024

Software Engineer

Toronto, ON

- In Scrum cycles, worked as Agile **team leader** of 5 to build a food service and transaction app. Taught and utilized React, Material UI, Docker, Express and Firebase for a fullstack application
- Completed **100+** story points flawlessly, implementing **25** features using user-centric designs
- Reached **5k+** daily API reads, acknowledged in student communications for efficiency and usability

Soundlife Scarborough

Sep 2023 – April 2024

Frontend Developer, Events and Programming Assistant

Toronto, ON

- Performed over **50** website updates like carousel and dynamic interactions, fixed several website breakdowns from former unstable code, enhancing the site performance by more than **100%**
- Organized community music events that celebrated cultural diversity, engaged with local artists to promote inclusive artistic expression and how to encourage people to appreciate the medium of music

Ping An Bank

May 2023 – July 2023

Software Developer Intern

Shenzhen, China

- Engineered backend solutions of an app for over **50,000 headcounts** in Scrum cycles and Agile. Applying several security and AI features within the furniture loan app in the **Global 33rd Company** in 2023
- Enhanced **20%** customer satisfaction within the fraction from daily standups and close collaboration
- Utilized HTML/CSS/JS with **Vue**, **Java**, Mybatis, MySQL, Redis within Spring Boot and Maven, RESTful API

PROJECTS

LifeLens | *FastAPI, Python, Kintone, RESTful API, Postman, Auth0, Flutter, Tailwind*  

- Best use of Kintone** in *QHacks 2024* among hundreds of teams. Prototyped a social network of convenience.
- A backend-heavy project, engineered the whole backend and created **11 RESTful endpoints** under 48 hours flawlessly
- Developed proficiency in SQL database, mastering API testing and backend development practices.

RefluxCMS | *Android Studio, XML, Scrum, Java, Agile, Firebase* 

- By utilizing Android Studio, designed and implemented an extensive range of pages within a mobile app, working mainly at the frontend, achieving features of a sophisticated dashboard and a streamlined navigation bar.
- Engineered a responsive notification system by pulling Firebase entries, ensuring students receive timely updates on upcoming events and crucial announcements.

LEADERSHIP EXPERIENCE

Student Leadership Council (HOOPP) | Nominated for exemplary leadership and dedication for engaged communities

Vice President of Internal (CSEC) | Supporting internal communication, envisioning and fostering better environment