

Sigmund Wang

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EDUCATION

University of Toronto (*cGPA: 3.9/4.0, 2022-2023 Dean's List*) 2022 – 2026
Honoured BSc, Specialist in Computer Science, Minor in Statistics, received 10,000-dollar scholarship

TECHNICAL SKILLS

Languages: Python(TensorFlow), C/C++, SQL, HTML/CSS, JavaScript, Java, C#, Assembly, Shell Script
Front-End: React, Tailwind, MUI, React Native, Vue, React Native Paper, Bootstrap
Back-End: FastAPI, Flask, Express.js, Node.js, SpringBoot, AngularJS, Maven
Database: MongoDB, Firebase, PostgreSQL, Redis, MySQL, Mybatis, Kintone
Developer Tools: Git, Jira, Docker, Vercel, Linux, AWS, Visual Studio, Android Studio, PyCharm, IntelliJ

EXPERIENCE

Data Engineer Co-Op Sep 2024 – Apr 2025
Health of Ontario Pension Plan Toronto, ON

Software Developer May 2024 – Apr 2025
University of Toronto, Physical & Environmental Sciences Toronto, ON

- Developing a web application for UofT website, guiding **thousands of** students visually on course relationships.
- Utilized React, React Flow, Figma, and MongoDB, closely collaborating with admins and Business Analysts.

Software Developer May 2024 – Aug 2024
Standard Software Inc. Toronto, ON

- In several Scrum cycles, worked as a **team leader** of 4 using React, Material UI, ExpressJS and Firebase.
- Completed **100+** story points flawlessly, implementing **25** features using user-centric designs.
- The software experience **50k+** reads in the database daily, increased profit and received recognition.

Web Developer, Events and Programming Assistant Sep 2023 – April 2024
Soundlife Scarborough Toronto, ON

- Developed over **50** website updates and **3** website breakdown fixes, enhancing the site performance by **more than half** and user experience utilizing CSS, Elementor, and WordPress Admin within 24 hrs.
- Applied **20+** new dynamic features like carousel, enhanced user engagement by **90%**, applying user-centric designs
- Coordinated with professors and admins to execute **10+** events, improving communication and event success.



Software Developer May 2023 – July 2023
Ping An Bank, Car and Finance Development Team Shenzhen, China

- Examined and maintained the furniture loan app in the **Global 33rd Company** in 2023, ensuring seamless service for over **50,000 users** by engaging in software engineering tasks.
- Utilizing HTML/CSS/JS with Vue, Java, Mybatis, MySQL, Redis within Spring Boot and Maven, RESTful API.

PROJECTS

LifeLens | *FastAPI, python, Kintone, RESTful, Postman, Auth0, Flutter, Tailwind*  

- *Best use of Kintone* in *QHacks 2024*. Developed a mobile friend group info app prototype.
- A backend-heavy project, worked as backend and created 11 RESTful API calls without errors when connecting.
- Developed proficiency in SQL database, mastering Postman testing and backend development.

Eventful | *React, React Native, React Native Paper, Rust, RESTful API, AWS, Figma*  

- Actively designed and engineered a mobile application featuring generating event items and tailoring costs.
- Ranked 14th place out of 80 participating teams in *Hack the Valley 8*.
- Greatly enhanced consistency, responsiveness and user-friendliness using Figma and React Native.

CMS-Android-Simulation | *Android Studio, XML, Scrum, Java, Agile, Firebase* 

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