Sigmund Wang

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EDUCATION

University of Toronto *(cGPA: 3.9/4.0, 2022-2023, 2023-2024 Dean's List)*　　　　2022 – 2026
Honoured BSc, Specialist in Computer Science, Minor in Statistics, received 10,000-dollar scholarship

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, SQL, HTML/CSS, Java, C#, Assembly, Shell Script, R
Front-End: React, Tailwind, MUI, React Native, Vue, React Native Paper, Bootstrap, Figma
Back-End: FastAPI, Express.js, Flask, Node.js, SpringBoot, AngularJS, Maven
Database/Server: GCP, Firebase, MongoDB, AWS, PowerBI, PostgreSQL, Redis, MySQL, Mybatis, Neo4j
Developer Tools: Git, Jira, Azure, Vercel, Excel, Docker, Linux, Visual Studio, Android Studio, Unity, ServiceNow

EXPERIENCE

Software Engineer Co-op　　　　Sep 2024 – Apr 2025
Health of Ontario Pension Plan (HOOPP)　　　　*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 with **PwC**, enhances **200%** efficiency and mastered ITGC
- As a **Student Council Leader**, hosted coop events and presented learning sessions recognized by Vice President

Software Developer　　　　May 2024 – Sept 2024
University of Toronto, Physical & Environmental Sciences　　　　*Toronto, ON*

- Developed an interactive timeline for **UofT officials**, reducing **70%** of cases where students consult admin
- Utilized React, React Flow, Figma, and MongoDB, closely collaborated with admins and Business Analysts

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

- In Scrum cycles, worked as **team leader** of 4 and used React, Material UI, Express.js and Firebase
- Completed **100+** story points flawlessly, implementing **25** features using user-centric designs, enhancing usability
- Reached **5k+** daily API reads in the database, received student email about its convenience

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

- Performed over **50** website updates, fixed several website breakdowns, enhancing the site performance by **100%**
- Applied **20+** new dynamic features like carousel, enhanced user engagement by **90%**, applying user-centric designs

Software Developer Intern　　　　May 2023 – July 2023
Ping An Bank　　　　*Shenzhen, China*

- Participated in the maintenance of an app for over **50,000 users** in Scrum cycles and Agile. Examined and maintained the furniture loan app in the **Global 33rd Company** in 2023
- Utilizing 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.* 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-Echo | *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.