**TONG LIU**

3rd year, Major in Computer Science

[**✉️**](mailto:jonathon.liu@outlook.com)jonathon.liu@outlook.com **📞** +1 (236) 867 9248 [A black background with a black square

Description automatically generated with medium confidence](https://github.com/TongLiu024) GitHub page

**TECHNICAL SKILLS**  \*currently acquiring.

**Languages**: Java, JavaScript, Python, TypeScript, HTML, CSS, SQL\*, C++/C, C

**Frameworks:** JUnit, React, Redux\*, Express.js\*, Django\*

**Tools**: Node.js, Git

**TECHNICAL PROJECTS**

**Donation Management App** (Academic project) [**🔗**](https://github.com/TongLiu024/Java-Personal-Project.git)Java Swing | JUnit | XML *Jan. 2023* *– Apr. 2023*

* Developed a fundraising management app that allows users to track and make donations to a list of rehabilitated wildlife at a conservatory facility.
* Designed and implemented a visually appealing Graphic user interface using Java Swing
* Reinforced design and code integrity using JUnit testing.

**BC Hiker Blogging App** (Personal project**)**  [**🔗**](https://github.com/iris-z-hang/temporary_project_name.git)React | Node.js | Express.js| PostgreSQL | Figma *July. 2023 – present*

* Develop a web platform for hiking enthusiasts from BC to discover, navigate and document their hiking experience.
* Design and develop generic React UI components for app functionality including log-in, homepage, blogging, and searching and trail information pages.
* Enhance user experience with dynamic searching, secure authentication, and infinite scroll functionality.

**Personal Website** (Personal project\*) [**🔗**](https://github.com/TongLiu024/PersonalWebsite.git)Swiper.js | React | Figma *July. 2023 – present*

* Design and deploy a fully response personal portfolio website using React.
* Implement dynamic features such as carousel/slides through Swiper.JS integration and created interactive tabs within the React framework.

**ADDITIONAL WORK EXPERIENCE**

**Analytical Testing Analyst,** SGS Canada Burnaby, BC | *Jan. 2021 – Aug. 2022*

* Managed project timelines and liaised with internal/external resources to ensure timely delivery and client satisfaction.
* Collaborated with senior chemists on method development/validation and bolstered protocol accuracy and documentation.

**Research Scientist**, University of Alberta/Alberta Innovates**,** Edmonton, AB | *Sept. 2018 – Dec. 2020*

* Supported Principal investigators with research coordination, experimental design, and analytical method optimization.

**TECHNICAL EXTRA-CURRICULUM ACTIVITIES**

**Developer volunteer**, UBC Emerging Media Lab Vancouver, BC | May. 2023 – present

**EDUCATION**

**BSc. Second degree (Computer Science)**, *The University of British Columbia* *Graduating May. 2026*

*cGPA : 86.4 % (4.00/4.33)*Vancouver, BC

**BSc. (Chemical Engineering)**, *The University of Alberta*  *Sep. 2014 – Apr. 2018*

*Honours and Rewards:* *International Student Scholarship, Academic Excellence Scholarship* Edmonton, AB