

Lin Lin

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SUMMARY

- 1 year of experience in full-stack application development, experienced in leveraging knowledge of data structures and algorithms to solve complex problems and committed to driving excellence through continuous learning and applying cutting-edge technologies such as AI and machine learning.
- 3 years of experience in computer programming and coding, started learning programming languages with hands-on experience in C and C++, possessing a strong foundation in programming languages and a solid understanding of fundamental programming concepts and principles.
- Graduate of the computer science degree with distinction, recognized on the dean's list for being in the top 10% of graduates based on the graduating GPA.
- Able to effectively communicate in English, Chinese, Shanghainese, and some Japanese.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript / TypeScript, HTML, CSS, Python, SQL, C, C++, MATLAB.
- **Libraries, Frameworks, and Environments:** Node.js, React, Tailwind CSS, Express.js (RESTful API), Redux Toolkit, JSON Web Token, Mongoose.
- **Version Control Tools and Operating System Shells:** Git / GitHub, PowerShell, Linux Shell.
- **Cloud Computing Services and Databases:** MongoDB, Firebase.
- **API Testing Platform:** Postman, Insomnia.
- **High-Level Tools:** Tableau, Figma.

TECHNICAL PROJECTS

- **Urban Utopia:** A full-stack production-ready CRUD web application developed to create an online platform catering to landlords for creating, updating, and deleting listings that showcase their properties for sale or rent, empowering property buyers and tenants to read listings to explore available homes, and connecting them directly to kickstart property transactions or leasing processes. Its compatibility spans both desktop and portable device browsers. This project is built on Node.js. It employs React to enhance client-side interactivity, integrates Tailwind CSS for crafting stylish web pages and components, and utilizes Express.js to power the backend API. A MongoDB collection is utilized to host records of users and listings on the cloud and respond to CRUD requests.
 - Project: <https://urbanutopia-v629.onrender.com>
 - GitHub: <https://github.com/LinLinHayashi/Business-Site>
- **BC MPs' Expenditure:** A data visualization and analysis program developed using Tableau and authentic data.
 - Project: <https://youtu.be/fsDGa6eLNec?si=EwL7v84DTvv3LLZK>
 - GitHub: <https://github.com/LinLinHayashi/data-visualization-Tableau>
- **Personal Portfolio:** A personal portfolio website built with vanilla JavaScript, HTML, and CSS.
 - Project: <https://linlinhayashi.github.io/Portfolio/>
 - GitHub: <https://github.com/LinLinHayashi/Portfolio>

EDUCATION

University of Victoria Victoria, Canada	Jan 2022 – Oct 2023
Bachelor's Degree Computer Science Graduating average: 89%	
Camosun College Victoria, Canada	Jan 2021 – Dec 2021
Advanced Diploma Electrical and Computer Engineering Bridge Graduating average: 8.28 / 9.00	
Southern Alberta Institute of Technology Calgary, Canada	Sep 2015 – Jun 2017
Diploma Instrumentation Engineering Technology Graduating average: 3.90 / 4.00	

WORK EXPERIENCE

Procurement Manager QCD Construction	Sep 2018 – Aug 2020
Product Manager Pietro Fiorentini	Dec 2017 – Mar 2018