

# 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

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

## WORK EXPERIENCE

<b>Procurement Manager</b>   QCD Construction	<b>Sep 2018 – Aug 2020</b>
<b>Product Manager</b>   Pietro Fiorentini	<b>Dec 2017 – Mar 2018</b>