

Lin Lin

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SUMMARY

- Experienced in leveraging knowledge in data structures, algorithms, and cryptography to solve complex problems.
- Committed to driving excellence through continuous learning and application of cutting-edge technologies such as AI and machine learning.
- 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.
- Able to effectively communicate in English, Mandarin, Shanghaiese, and some Japanese.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript / TypeScript, HTML, CSS, SQL, JSON, C, C++, MATLAB
- **Libraries / Frameworks / Environments:** React, Express.js, Node.js, Mongoose, Django, Django Crispy Forms, Bootstrap
- **Version Control Tools / Operating System Shells:** Git / GitHub, PowerShell, Linux Shell
- **High-level Platforms:** MongoDB, Postman, Tableau, Figma
- **Digital Art Design Tools:** Adobe Photoshop, Adobe Premiere Pro, Shotcut

TECHNICAL PROJECTS

- **Digital Greeting Card:** A Python program that creates a digital greeting card applying HTML / SVG and randomized algorithms.
https://github.com/LinLinHayashi/Projects/tree/main/01_Digital%20Greeting%20Card
- **Human Machine Interface Design:** A human machine interface design based on Figma that simulates a bus stop reminder application.
https://github.com/LinLinHayashi/Projects/tree/main/02_Human%20Machine%20Interface%20Design
- **BC MPs' Expenditure:** A data visualization and analysis program developed using Tableau and authentic data parsed from ourcommons.ca.
<https://youtu.be/fsDGa6eLNEc?si=EwL7v84DTvv3LLZK>
- **Todo List:** A simple To-do List application built with HTML, CSS, and vanilla JavaScript without any libraries or frameworks.
https://github.com/LinLinHayashi/Projects/tree/main/03_Todo%20List-Vanilla%20JavaScript
- **Rock-paper-scissors Game:** A simple Rock-paper-scissors Game built with HTML, CSS, and vanilla JavaScript without any libraries or frameworks. Asynchronous programming is applied to enable auto-play of the game.
https://github.com/LinLinHayashi/Projects/tree/main/04_Rock-paper-scissors%20Game
- **Todo List (React):** A Todo List program developed using React, HTML, and CSS, applying Hooks, distributed components, and local storage that keeps the data saved after the program is terminated.
https://github.com/LinLinHayashi/Projects/tree/main/05_Todo%20List-React

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
Developed 8 local suppliers to establish a reliable supply chain of products from construction materials, personal safety equipment, to electrical devices that helped the company complete 3 overseas projects through cross-cultural communication and coordination in an international environment.	