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, Shanghainese, 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

TECHINCAL PROJECTS

- **Digital Greeting Card**: A Python program that creates a digital greeting card applying HTML / SVG and randomized algorithms.
  https://github.com/LinLinHayashi/digital-greeting-card-Python
- **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 Todo List application built with HTML, CSS, and vanilla JavaScript without any libraries or frameworks.
  https://github.com/LinLinHayashi/todo-list-vanilla-JavaScript
- **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/rock-paper-scissors-game-vanilla-JavaScript
- **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/todo-list-React
- **Todo List (Django)**: A simple full-stack Todo List project developed using Python, Bootstrap, Django, and the built-in SQL database of Django with user authentication and authorization features.
  https://github.com/LinLinHayashi/todo-list-Django

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.