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Alice Lin

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Skills

- **Languages**: TypeScript, JavaScript (ES6+), HTML, CSS, Python, Bash, PowerShell
- **Frameworks/Libraries**: React, Node.js, Tailwind, Material UI, Shadcn, Express.js, Bootstrap, jQuery
- **Databases**: PostgreSQL, MySQL, SQLite, MongoDB
- **Operating Systems**: Linux, MacOS, Windows
- **Tools & Services**: AWS, Git, GitHub, VS Code, Figma, Visual Studio, Photoshop, Balsamiq, Excel

Education

British Columbia Institute of Technology

Diploma: Full Stack Web Development

Expected in April 2024

- **GPA**: 95%
- **Coursework/Knowledge**: React, C#, OOP, Cybersecurity, SDLC, Agile, VMs, Data Structure and Algorithms, Usability Heuristics, UX/UI principles

Simon Fraser University

Bachelor of Business Administration: Management Information System, Finance

January 2011 – December 2016

- **Coursework/Knowledge**: Business System Development, Business Process Analysis, ERD, DFD, Gantt Chart

Project Experience

PicTok – BCIT IDSP Project

Vancouver, BC   *September 2023 – December 2023*

- Developed with **TypeScript**, **Shadcn**, **AudioGen** AI technology by Meta, and **GPT-4-vision** model by OpenAI to help the visually impaired experience photos through audio descriptions and sounds via screen gestures
- Reduced processing time by 70% through implementing Promise.all and cloud edge functions

ChatGPTCollab – BCIT IDSP Project

Vancouver, BC   *May 2023*

- Developed a ChatGPT-integrated group chat application using **JavaScript**, **HTML**, **Tailwind**, and **MySQL** to enable group chat creation, user invites and CLI interactions for improved team collaboration
- Implemented various CLI commands to give users flexible interaction options with ChatGPT to enhance customization and user experience

Reminder App - BCIT OOP coursework

Vancouver, BC   *January 2023*

- Established a functional reminder application using **TypeScript** and **Node.js** to enable users to add, delete, edit and retrieve tasks
- Implemented error handling mechanisms to effectively address and resolve edge cases within the development process

Instagram Clone - BCIT Software Development coursework

Vancouver, BC   *December 2022*

- Developed a clone of a social media platform using **JavaScript**, **HTML, CSS** and **EJS** to deliver a dynamic and data-driven website
- Improved user feed page by utilizing **Socket.io** to enables a low-latency, bidirectional and real-time client - server communication

Work Experience

Research Analyst - RCI Capital Group Inc.

Vancouver, BC   *January 2017 - August 2022*

- Conducted comprehensive company **research**, analyzed and interpreted large datasets, identify patterns, and make data-driven decisions using advanced analytical and statistical techniques
- Automated repetitive manual tasks with a single click by generating **VBA codes** using the **Developer tab** in Excel