

Chi Ming Lai

Contact Information

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Education

Computer Programming Diploma, Seneca College, Toronto, 2021 – 2022

- Maintained a 4.0 GPA throughout all semesters
- Developed skills in relational databases (Oracle SQL and NoSQL databases like MongoDB), object-oriented programming (C++ and JavaScript), web development (HTML, CSS, and JavaScript), React.js, RESTful APIs, basic Linux commands, and Git version control.
- Received President's Honour List recognition for all semesters

Technical Skills

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- Strong command of programming and computer science concepts, including data structures and algorithm design techniques
 - Proficient in HTML5, CSS3, JavaScript, and responsive design principles
 - Experience working with RESTful APIs and JSON data
 - Familiarity with Node.js, Express.js, and React
 - Fundamental knowledge of core web principles (HTTP, the DOM, SSL, web servers)
 - Fluency with databases, including schema design, querying, and optimization, both NoSQL and SQL
 - Excellent problem-solving and analytical skills
 - Strong communication, collaboration, and interpersonal skills
 - Ability to work independently and as part of a team

Projects

Museum Artifact Search Application

- Developed a React.js web application with a RESTful API that allows users to search for museum artifacts by keyword, view images and descriptions of the artifacts, and save artifacts to their favorites list.
- Utilized React.js and RESTful APIs, as well as HTML, CSS, and JavaScript.
- Deployed the application using Vercel. (URL: <https://my-app-tau-gules.vercel.app/>)

Express.js API Backend

- Created an API with Express.js as part of an academic project to serve as the backend for the Museum Artifact Search Application, enabling seamless communication between the frontend and the server-side components.
- Utilized Express.js and RESTful APIs.
- Source code URL: <https://github.com/f051a0303/A6-API>

Blog Forum

- Created a blog forum for academic purposes, utilizing features like "Postgres database" and "Handlebars.js."
- Allowed users to create and view blog posts.
- Source code URL: https://github.com/f051a0303/my_blog/tree/main

Personal Website

- Designed a personal website using HTML, JavaScript, and CSS without any libraries.
- Showcased programming skills and included information about education, experience, and projects.
- URL: <https://f051a0303.github.io/chia/>

Assembly Line Simulation

- Created a C++ program for academic purposes that simulates an assembly line using object-oriented programming.
- Modeled the process of a product from start to finish as it moves through each step of the assembly line.
- Gained hands-on experience with OOP principles and software design.
- Source code URL:
<https://github.com/f051a0303/product-management/tree/main/ms3>

Experience

Grocery Clerk

NOFRILLS, Toronto

11/2022 - 01/2023

- Provided excellent customer service and assisted shoppers in selecting and purchasing products.
- Maintained inventory and ensured product quality while maximizing product display.
- Demonstrated attention to detail in unpacking and labeling products.
- Maintained a clean and safe work environment.

Passenger Service Officer – Customer Service

Hong Kong Airport Service Limited, Hong Kong International Airport

2019 - 2021

- Provided efficient check-in and boarding counter services to passengers.
- Handled transactions, including cash and debit/credit card.
- Handled passengers at boarding and arrival gates.

Awards

Dean's List, Seneca College, 2021 - 2022