WAI SUN LAM

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Seeking Co-op Opportunities for FALL 2024 | Open to 4 or 8 Month Terms

EDUCATION

Seneca Polytechnic, Toronto

Advanced Diploma in Computer Programming & Analysis   Jan 2023 Aug2025(Expected)

GPA:3.8/4.0

- OBJECT ORIENTED PROGRAMMING C++
- SOFTWARE TESTING
- DATA STRUCTURE AND ALGORITHMS USING PYTHON
- WEB PROGRAMMING FOR APPS AND SERVICES
- ADVANCED DATABASE SERVICES
- SOFTWARE ANALYSIS AND DESIGN

RELEVANT SKILLS

Programming Languages: Java, C++, Python, C#, JavaScript, TypeScript

Tools and Frameworks: HTML, CSS, Bootstrap, Node.js, Express.js, PowerShell, Oracle, SQL, NoSQL, MongoDB, PostgreSQL, SDLC HTTP, JSON, AJAX, Agile, Unix/Linux, Git, WordPress, xampp, phpMyAdamin, TailWind, React, Next.js , MS office

RELEVANT PROJECTS

Disaster and Emergency Aid Management | C++, OOP

- Developed multiple methods for effective management of disaster and emergency aid records, ensuring accurate tracking and simple access to important data.
- Implemented objects to assist user interface elements like menu creation and enable key functionalities such as adding/removing data and handling date operations.

Snake Game | Java, OOP, Java Swing

- Developed a Snake game using Java and the Swing library
- Engineered the core game mechanics including the snake's movement, apple spawning, collision detection, and score tracking.
- Enhanced gameplay by including keyboard event handling to control the snake's direction.

Personal Portfolio | WordPress, xampp, phpMyAdamin, JavaScript, HTML, CSS www.waisunlam.com

- Created a Personal Portfolio Website to effectively showcase my skills, projects, and background.
- Utilized WordPress to craft a visually appealing and interactive user interface.

Lego Product Landing Page | JavaScript, Tailwind, EJS, Node.js, Express.js, MongoDB

https://raspberry-hedgehog-ring.cyclic.app/

- Retrieves information from a database and presents it on a web page.
- Implemented user registration and user authentication to ensure secure access to the database.
- Implemented CRUD functionalities for managing Lego data.