Saran Chotsuwan
Faculty of Computer Science Co-op Program
https://www.linkedin.com/in/saran-chotsuwan-5b38682b5/

Education:

September 2021 – Present

Bachelor of Science in Software Engineering
Fredericton, New Brunswick
Current GPA: 3.80

May 2021

Nawamintrachinutit Traimudomsuksanomklao High School
Bangkok, Thailand

Academic Awards:

2023 – 2024   Edwin Jacob Special University Scholarship
2022 – 2024   Dean's List

Skills:

Programming Skills: proficient in Java, JavaScript, Node.js, Python, C, SQL, Racket, Octave, Cloud, Algorithm, Data structures, Memory Management, VHDL, HTML, CSS, Git

Operating Systems: Linux, Microsoft Windows, MacOS, IOS, Android

Other: Bilingual in English and Thai, with a diverse cultural background that enhances my unique global perspectives. Creative and Open-minded. Well-communicated in oral and writing.

Work Experience:

January 2024 – Present

University of New Brunswick, Fredericton, NB
Teaching Assistant in Programming Languages Laboratory
- Assisted in-person lab sessions, guiding students through a curriculum covering basic to advanced programming languages, including Python, JavaScript, Racket, and Octave.
- Assessed and graded assignments, delivering constructive feedback to enhance students' programming proficiency.
- Demonstrated effective communication skills in explaining complex programming concepts to students.

May 2022 – October 2022

Sun Prince Restaurant, Fredericton, NB
Kitchen Worker

School Experience:

January – April 2021   **CS 2043 – Software Engineering I**
Topics include:
- Understanding the software development life cycle.
- Covered software development methodologies and processes, requirements analysis, modeling, architecture, design, implementation, testing, and maintenance.
- Applying knowledge to model, develop, and test functioning GUI program.

Personal Project:

January 2024 - Present   **Responsive Portfolio Website**
- Utilized HTML, CSS, and JavaScript to create an interactive user experience, ensuring seamless navigation across various devices.
- Implemented responsive design principles to optimize the website's performance on desktops, tablets, and mobile devices, enhancing accessibility and user engagement.
https://sweet-cupcake-ecc113.netlify.app/
https://github.com/schotsuw/New_Portforlio_website/tree/main

November – December 2023   **A shooting Space Invader Game.**

- Developed an engaging 2D space invader game using Python and Pygame, combining principles of mathematics, object-oriented programming, and efficient use of loops.
- The game features intuitive controls allowing players to navigate a dynamic environment and shoot down celebrity aliens for a captivating gaming experience.
https://github.com/schotsuw/Space_invader_celebrities

Volunteer Experience:

May 2018 – May 2021   **Nawamintrachinutit Traimudomsuksanomklao High School**
Bangkok, Thailand
Part of High school student council
- Headed sports activities, encouraging middle and high school students to learn, succeed, and achieve in their best.
- Participated in the orientation program for two consecutive years, providing tours and ice-breaking activities for students.

Hobbies

- Volleyball, Badminton Team, Powerlifting, Weightlifting, and Cooking