

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 <ul style="list-style-type: none">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://symphonious-flan-4e9f60.netlify.app/>

https://github.com/schotsuw/new_portfolio_v2

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