

Saran Chotsuwan

Faculty of Computer Science Co-op Program

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

Skills:

Programming Skills: proficient in Java, JavaScript, Python, C, SQL, Racket, Octave, VHDL, HTML, CSS, Git

Operating Systems: Linux, Microsoft Windows

Communication and teamwork: Active listener with a patient approach towards teammates, solving problems and leading team to achieve the engineering group projects.

Creative and Openminded: Bilingual international student proficient in English and Thai, with a diverse cultural background that enhances my unique global perspectives.

Work Experience:

January 2024 – Present	University of New Brunswick , Fredericton, NB Teaching Assistant in Programming Languages Laboratory (CS2613) <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.• Collaborated with the instructor and fellow TAs to create a supportive learning environment.• Demonstrated effective communication skills in explaining complex programming concepts to students.
May 2022 – October 2022	Sun Prince Restaurant , Fredericton, NB

Kitchen Worker

- Cooked food according to standard recipes with requested changes for customer satisfaction.
- Demonstrated strong customer service skills to understand and meet customer expectations.
- Utilized time management skills to complete individually assigned tasks on time.

December 2021 – February 2022

Georgetown Thai Restaurant, Georgetown, ON Kitchen helper

- Restocked the new and fresh ingredients to remain the best quality of foods.
- Demonstrated strong customer service skills to understand and meet customer expectations.
- Cleaned and sanitized dishes and utensils, consistently keeping adequate supplies on hand for expected customer loads.

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

- Spearheaded the development of a dynamic and responsive portfolio website showcasing a diverse range of projects and skills.
- 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://github.com/schotsuw/portforlio_web_project

November – December 2023

A smart light switch project.

- A developed light switch that works with UNB dev board where it can detect the room light level and adjust the target light setting, thereby conserving energy.
- This project was created by both brilliantlab.ca and Python programming.
- https://github.com/schotsuw/CS1003/project_ece2021

A Shooting Celebrities space invader game by Pygame in Python language

- 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.
- Achieved a user-friendly interface and incorporated sound effects to enhance player immersion.
- https://github.com/schotsuw/Space_invader_celebrities

March - April 2023

A simple texted-based Play list in Java

- This play list can add, remove, and print the current state.
- The project represents the basic knowledge and understanding of the linked list, classes, and object-oriented in Java program.
- https://github.com/schotsuw/playlist_texted_java

Volunteer Experience:

January 2019 – August 2020

Nawamintrachinutit Traimudomsuksanomklao High School
Bangkok, Thailand

One of Exhibition Event coordinators and staffs

- Organized and hosted an enjoyable event for middle and high school students.
- Designed and built the event's backdrop.
- Ensured the safety and looked after the students during the event.

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 and Badminton Team
- Powerlifting and weightlifting
- Cooking

Academic Awards:

2023 – 2024 Edwin Jacob Special University Scholarship

2022 – 2024 Dean's List