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)

- 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.
- https://github.com/schotsuwCS1003/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 – May 2022	**A Balloon Fight project by Python language**

- A simple text-based video game based on the real-world video game.
- Mainly applying mathematics, loops, ifs, lists, dictionaries, and files
- https://github.com/CS1003-Winter-2022/project-schotsuwCS1003/blob/f2ef45d31e91d548f713df83af0a9142a0eafced/Project.py

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