

Sabrina Allan

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EDUCATION

Simon Fraser University

Burnaby, British Columbia

Bachelor of Applied Science in Engineering Science

Expected Graduation, August 2029

- **GPA:** 3.69/4.00
- **Related Coursework:** Algorithms, Debugging, Structured & Object-Oriented Programming, Applications to Computer Graphics

SKILLS

Programming: Java, JavaScript, HTML5 & CSS3, Node.js, MATLAB, C++, C

Tools: IntelliJ, Eclipse, Linux, Git, Render

WORK EXPERIENCE

The City of Coquitlam

Coquitlam, British Columbia

Program Leader

May 2024 – Present

- Supervise groups of 12 - 20 children for full-day camps during school breaks
- Promoted to Program Leader after 1 year as a Recreation Instructor in recognition of leadership and program facilitation skills

The City of Coquitlam

Coquitlam, British Columbia

Recreation Instructor

July 2023 – Present

- Leveraged child education skills developed through 7 months of dedicated volunteering to secure the role
- Lead recreational after-school programs for groups of 12 aged 0 – 14 years across Coquitlam community centers to cultivate learning and play

iLoveKickboxing

Burnaby, British Columbia

Kickboxing Instructor

March 2023 – June 2024

- Hired as the youngest instructor to lead engaging cardio-based kickboxing classes for groups of 10 – 20 aged 13+ years
- Consistently received 5-star reviews through an online feedback system reflecting exceptional personalized guidance and support for each participant

PROJECTS

Personal Website (JavaScript, HTML5 & CSS3)

Individual Project

December 2024 - January 2025

- Developed a professional website using HTML5, CSS3, and JavaScript, delivering a responsive and appealing interface optimized for desktop and mobile devices
- Implemented a fully functional contact form backend using Render for direct email communication
- Integrated the message form into a GitHub Pages-hosted frontend for secure and efficient message delivery

The Cloud-Controlled Smart Switch (JavaScript, HTML5 & CSS3, C++, C)

Team Member

September 2024 – December 2024

- Developed a web interface using HTML5, CSS3, and JavaScript in a 7-person engineering design project for users to remotely toggle appliances on and off and observe their power usage
- Assisted in programming the ESP32 firmware in C and C++ to process HTTP requests, trigger relay actions, and provide real-time status updates
- Presented orally to 2 teaching assistants, 2 professors, and passing students, achieving 90% on the project

ACTIVITIES AND LEADERSHIP

The Engineering Science Students Society

Simon Fraser University

First Year Representative

September 2024 – Present

- Elected as the Face of the First-Year Engineering Science Students after delivering a successful campaign and speech to 200 classmates, securing the position against 12 candidates
- Organized tutors and food for a Calculus I final exam help workshop, teaching and providing personalized support to 30 students
- Shared the calculus I lesson with the society's discord server of 400+ Engineering students, improving knowledge of differential calculus across the program

Women in Engineering

Simon Fraser University

Club Member

September 2024 – Present

- Voluntarily planned a fall social with 2 Women in Engineering vice presidents for 1 month, attracting 34 students to the event
- Collaborate closely with club executives between the Engineering Science Students Society and Women in Engineering to strengthen community within the Engineering Department