

Gerry Summers

Seattle, WA | singhg8@spu.edu | (xxx)-xxx-xxxx



[Portfolio](#)



[GitHub](#)

Qualifications

- ❖ **Languages:** C++, Java, Python, MySQL.
- ❖ **Web & Backend:** HTML/CSS, JavaScript, Bootstrap, REST APIs, SQLite
- ❖ **Tools:** Git/Github, VS Code, Clion, Pycharm, IntelliJ and SQLiteStudio.
- ❖ **Other:** Technical documentation, agile collaboration.

Education

Bachelor of Science in Computer Science

June 2026

Seattle Pacific University, Seattle, WA.

- ❖ GPA: 3.91.
- ❖ Awarded Merit Scholarship, Honor Society Member, Dean's list (Fall 2024 , Winter 2025, Spring 2025).
- ❖ Related coursework: Application programming, Data structures and algorithms, and Netcentric computing.

Associates of Science- Direct Transfer Agreement

September 2022 - June 2024

Edmonds College, Edmonds, WA .

- ❖ GPA: 3.92.
- ❖ Awarded Merit Scholarship, Quarterly Honor Roll (all quarters), Phi Theta Kappa Member.
- ❖ Related Coursework: Math (calculus, stats, linear algebra), Programming (python, Java).

Technical Experience/ Projects

Engineering Project: Temperature-Responsive LED Lamp

Winter 2024

Edmonds College Engineering Exhibition, Edmonds WA

- ❖ Designed and developed a temperature-responsive LED lamp using Raspberry Pi and microcontroller integration.
- ❖ Programmed the system to change LED colors dynamically based on real-time temperature readings.
- ❖ Utilized Python to interface temperature sensors with LED outputs for accurate color transitions.
- ❖ Presented the project at the Engineering Exhibition, earning positive feedback for innovation and practical application.

Integral Approximation App

Spring 2024

Edmonds College, Edmonds WA

- ❖ Designed a react app to estimate a definite integral of polynomial of degree up to 2.
- ❖ Integrated error handling to ensure valid input where lower bound (a) is less than upper bound (b).
- ❖ Displayed mathematical expression and plot of the integral along with approximation results.

Additional Experience

Maths Teaching Assistant

January 2023 - June 2024

Edmonds College Math Center, Edmonds WA

- ❖ Assisted in teaching algebra, pre-calculus, calculus and statistics to students, clarifying concepts and solving complex problems.
- ❖ Graded homework, quizzes, and exams, providing constructive feedback to improve student understanding.