

# Dillon G. Sherling

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## SUMMARY OF QUALIFICATIONS

- Thorough understanding of Object Oriented Programming and Data Structures through coursework and projects
- Strong mathematical skills and background to solve real world problems
- Programming Languages Used: Java, Python
- Highly motivated to complete projects and assignments in all environments as seen in Projects
- Strong desire to learn and improve upon skills as seen in Projects

## EDUCATION:

**Bachelor of Science in Computer Science;** GPA 3.9  
Washington State University, Pullman, WA

Expected May, 2026

Relevant Coursework:

Advanced Data Structures, Discrete Structures, Computer Architecture, Intro to Computer Science

## RELEVANT TRANSFER CREDITS:

Intro to Programming, Java Object Oriented Programming, Data Structures  
Green River College, Auburn, WA

June 2022

## SKILLS:

Java, Python, experience in IDE's such as jGrasp, Eclipse, and IntelliJ. Great at working with others in group projects as seen in "Projects."

## PROJECTS:

**Evil Hangman,** GRC Group Project

May 2023

- Created a simple AI algorithm for a use to play against in "hangman"
- Built of existing Java files given by professor
- Designed AI using Java Programming in jGrasp IDE that would change the word in order to give itself the best chance of winning
- Imported English dictionary so the AI can use any existing words of any length
- Collaborated with a team of 3 others to create project and a presentation on how to recreate the game

**21 Questions,** Personal Project

June 2023

- Created a program that uses BinarySearchTree data structure to play a game of 21 questions with the user, continuously learning based off losses or importing games from .txt files

## EXPERIENCES:

**Team Lead,** ColdStone Creamery, Covington, WA

April 2022-August 2023

- Fully engaged physically and mentally to serving customers
- Success in this role because of focus over long periods of time

**Elementary School Volunteer,** Lakeview Elementary, Auburn, WA

October 2019