Sean Barret

seanbarret93@gmail.com | 509.899.6145

SKILLS

- Experienced in Java
- Knowledgeable in C and the Unix environment
- Learning C# and ASP.NET
- Proficient in object-oriented programming

- Familiar with MySQL
- Competent in HTML, CSS, and JavaScript
- Detail oriented and organized
- Effective at managing time and deadline pressure

EDUCATION

Western Washington University
Bellingham, WA
Major: Computer Science
June 2016 – June 2020
GPA: 3.76

Whatcom Community College
Bellingham, WA
Credits: 30
Jan 2016 – June 2016
GPA: 3.73

Central Washington University
Ellensburg, WA
Credits: 47
Apr 2016 – June 2016
Jan 2014 – June 2014
GPA: 3.89

Relevant Courses:

Algorithm analysis I, II
Data structures

Databases
Object-oriented design

Networking
Professional writing

PROJECTS

Java Programs
- Designed and built an electronic version of a board game with a partner using object-oriented practices
- Made a stock analyzer that uses MySQL to evaluate and compare different buying strategies
- Wrote a program that implemented Dijkstra's shortest path algorithm
- Utilized various sorting algorithms including insertion, merge, quick, and radix sort
- Built a "20 Questions" guessing game using a binary search tree

C Programs
- Constructed a shell in Unix operating system
- Made a word guessing game utilizing socket API to handle multiple players
- Developed a spell checker that compares user input to words in a file and then recommends alternatives
- Created a number converter that gives binary, hexadecimal, and decimal value of user input

EXPERIENCE & ACTIVITES

Line Cook at Red Robin
July 2016 – Present
Communicate effectively to ensure
success in a stressful environment

Member of Whiteboard Coders Club
Sept 2017 - Present
Solve coding problems in a collaborative
setting under deadline pressure