**SUMMARY**

Skilled hard worker with 6+ years of experience in programming. Extensive background in lots of languages and am able to pick new languages up very fast. Long-time athlete that always looks for ways to get better and is dedicated to what is required to do the best job possible. Very good with numbers and a quick learner. I am looking for an opportunity that will help guide my career forward.

**SKILLS AND STRENGTHS**

|  |  |
| --- | --- |
| * Leadership * Communication * Fast Learner * Dedication * Flexible * Organization | * Programing: Java, C++, Python, React * Time Management * Public Speaking * Charismatic * Easy-going * Problem Solving |

**EDUCATION**

**Colorado State University** Expected Graduation in May 2024

* Junior studying Computer Science with a focus in Software Engineering.
* Bachelor of Science
* 3.2 GPA

**Relevant Course Work**

* Developed in UNIX environments
* Learned foundations of Machine Learning
* Refined my programming skills thanks to Clean Code Techniques
* Managing semester long projects

Software Engineering (CS 314)

* Worked a part of a team for an entire semester
* Did full stack development on new features for a website that would display a trip
* Learned how to use Postman, Code Climate, Maven
* Used React, React Strap, CSS, HTML, and JavaScript on the front end
* Used Java to implement the server
* Built and maintained testing software for both the client and server.

Operating Systems (CS 370)

* Used C to create system processes and manage data in the processor
* Developed in a UNIX environment using VSCode and a remote host

Systems Security (CS 356)

* Encrypted and Decrypted text in C++ using block and stream cipher techniques
* Worked on projects using DETER labs that dealt with navigating a UNIX system.
* Launched and mitigated a TCP SYN flood

Software Development with C++ (CS 253)

* Learned how to build robust programs in C++
* Testing our programs was a huge focal point of the class

**PROGRAMMING HISTORY**

General Background

* Worked with C++ (4+ years), C (3+ years), Java (5+ years), JavaScript (2+ years), HTML (2+ years), React (1+ year), React Strap (1+ year), Python (5+ years), Assembly (1+ year).

Accomplishments

* Finished in first place at Code Wars in 2019, hosted by HP. This competition focused on using Java to solve a multitude of presented problems. The goal was to solve as many problems as possible with in a time period with each question being worth different amounts of points.
* Created a simple website that can be implemented with designs easily for my internship that helped create new business opportunities for local business in Fort Collins

Developed two games:

* Tron light bike game. The player could choose to play against their friends or the computer in an easy to learn Tron light bike game.
* A 2d RPG zombie shooter. The player was able to explore levels and find new tools and weapons as they explored a small world.

**WORK HISTORY**

**Manager/Sales Associate** September 2021 – Current

Finish Line Fort Collins, CO

* Using the POS system and assisted with server issues when we would lose connection
* Was awarded employee of the month 4 times
* Leader in sales power rankings during my time at finish line
* Create plans to engage coworkers better and develop a cohesive team

**Software Engineering Intern** May 2022 – August 2022

beanTech Solutions Fort Collins, CO

* Learned how to code in a team environment using GitHub
* Developed front end web applications, doing the bulk of the programming in React
* Completed two large projects: A Store front, and a page to display Potree 3d models.
* The store front project I made was a simple tool that could take in a data file that would fill the page with the products of the business.
* Learned how to integrate backend code to front end development
* Gave me the skills to collaborate in a team and make a profitable product

**VOLUNTEER WORK WITH YMSL**

YMSL (Young Men's Service League) is an organization that assists across Colorado to better our community and improve mother-son relationships. My mom and I have volunteered at homeless shelters, elder homes, Homeward Alliance, Respite Care, and many more. What we do at YMSL is the proudest and most rewarding work I have ever done.