Preston Walraven

Software Engineer/Computer Engineer

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SUMMARY

Engaged, energetic Computer Scientist with a strong foundation in math, logic, computer hardware and software. Currently seeking a challenging position that provides a rewarding opportunity for learning, skill enhancement, and team development.

EXPERIENCE

Data Structures Teaching Assistant

Colorado School of Mines

📅 01/2021 - Ongoing 📍 Golden, CO

Data Structures (CSCI 262) is a class that defines commonly used data structures, introduces algorithm analysis and teaches about abstract data types, templates, and inheritance in C++.

- Provided support for 25+ students through office hours and in-class lab guidance
- Effectively graded and provided feedback for students taking the course
- Contributed to course direction decisions to improve the quality of lectures

Software Engineering Intern

Syncroness

📅 06/2020 - 08/2020 📍 Westminster, CO

Syncroness is an award winning design engineering and product development firm based in Denver, CO.

- Ensured software quality by creating and updating unit tests for an Embedded C device
- Migrated and archived old code repositories to reduce clutter and storage costs
- Began development on a check-in notification system that leverages AWS IoT, Lambda, S3, and SES

EDUCATION

BS in Computer Science - Computer Engineering

Colorado School of Mines

📅 2019 - Ongoing 📍 Golden, CO

- Major: Computer Science - Computer Engineering
- Minors: Data Science, Digital Systems
- Favorite Classes: Software Engineering, Computer Organization, and Digital Logic
- Cumulative 4.0 GPA, Dean's List each semester

GPA

4.0 / 4.0

ACHIEVEMENTS

🪶 **Boy Scouts of America Eagle Scout**

STRENGTHS

👥 Leadership & Teamwork

Task Oriented, Analytical Problem Solver, Constructive Collaborator, Adaptive Learner

⚙️ Organization

Systematic and Productive, Proficient at Following Instructions

💬 Communication & Reliability

Effective Communication, Quick Response Time, Dependable and Hard Working

PROGRAMMING

C++

Java

Python

C

JavaScript

HTML & CSS

SKILLS

Linux/Bash	Git	Data Structures

Embedded Systems	SOLID (OOP)

AWS (IoT/Lambda/S3/SES)	Debugging

JUnit & Ceedling Unit Testing	Docker

Verilog HDL	Microsoft Suite