Colter Snyder

31242 Island Dr.
Evergreen, CO 80439
(720) 626-2558
programmer114@gmail.com

EDUCATIONAL OBJECTIVES

Intend to earn a BS in Computer Science by May 2023. Intend to earn an MS in Computer Science by May 2024. Have taken upper division Computer Science courses as of Fall 2020.

EXPERIENCE

Colorado School of Mines, Golden, CO — *Undergraduate Research Fellow - Department of Mining Engineering*

September 2020 - Present

Working under the supervision and direction of Dr. Sebnem Duzgun, current project is "Virtual Reality for Engineering Training" where responsibilities include developing and designing a backend and frontend to ensure the most efficient collaborative experience for students in VR. Will publish research in April 2021.

Colorado School of Mines, Golden, CO — *Undergraduate Research Assistant - Department of Computer Science*

October 2019 - May 2020

Worked under the supervision and direction of Dr. Qi Han for the project "Quality-aware Audio Multicast in Low Power Wireless Networks", under the lead of Shneka Swamy, as a developer with two other developers also a part of the team.

Church of the Hills, Evergreen, CO — *A/V and Computer Systems Technician*

February 2016 - August 2019

Performed a combination of volunteer and paid work for the Church of the Hills in Evergreen, Colorado. Responsibilities included managing visual slideshows and sound systems during both services and funerals as well as maintaining and upgrading current computer systems used within the Church.

Outdoor Lab, Windy Peak, CO — *High School Leader*

September 2018

Chosen to be a High School Leader for middle school's Outdoor Lab. Completed 110 hours of community service with responsibilities including supervising students, preparing for and teaching classes, and being a positive role model for students.

EDUCATION

Colorado School of Mines, Golden, CO

August 2019 - Present

Majoring in Computer Science. Started with 43 credits enabling Sophomore status as a Freshman. Currently holds Senior status. Current cumulative GPA of 3.70. Dean's List Freshman Fall Semester 2019.

Relevant Coursework:
- Computer Graphics
- Computer Organization
- Database Management
- Python-Based Computing
- Data Structures

Evergreen Senior High School, Evergreen, CO

August 2015 - May 2019

PROJECTS

9/11 Memorial Flag Retirement Ceremony — *Eagle Scout Project*

Led a project on the weekend before 9/11 of 2017 to honor 9/11 and retire 143 flags from the community

SKILLS

Java, C#, C++, C, Python, MIPS Assembly; Proven Leadership Ability

AWARDS

Dean's List

Fall Semester 2019

Eagle Scout

November of 2017

Rotary Youth Leadership Award (RYLA)

Nominated by the local Rotary Club to receive the RYLA. Received a scholarship to the RYLA conference in the summer of 2017

National Merit Scholarship Recipient

Awarded the National Merit Battelle Scholarship

Best Witness

Received Best Witness Award at regionals for Mock Trial for two out of the four years of participation

Seal of Biliteracy

Recipient of the Jeffco Public Schools Seal of Biliteracy and Colorado High School Diploma Endorsement for Biliteracy, verifying professional-level biliteracy and bilingualism in both Spanish and English