

# Colter Snyder

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## EDUCATIONAL OBJECTIVES

Intend to earn a BS in Computer Science by December 2022. Have taken upper division Computer Science courses as of Fall 2020.

## EXPERIENCE

### **Colorado School of Mines, Golden, CO — CS Outreach Webmaster – Department of Computer Science**

August 2021 - Present

Worked on various tasks in the Department of Computer Science for Dr. Tracy Camp. Primarily focused on editing and managing the DECtech website (tech.mines.edu). This involved primarily front end (HTML, CSS, and Javascript) development.

### **Colorado School of Mines, Golden, CO — Summer Intern – Department of Computer Science**

May 2021 - August 2021

Worked on various tasks in the Department of Computer Science for Dr. Tracy Camp and Dr. Christine Liebe. Primarily focused on educational tasks such as curriculum development and teaching grades 7-10. In addition, have taught professional development including at Rock CS and InnEdCO 2021.

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

September 2020 - April 2021

Worked under the supervision and direction of Dr. Sebnem Duzgun. Project was “Virtual Reality for Engineering Training” where responsibilities included developing and designing a backend and frontend to ensure the most efficient collaborative experience for students in VR. Published 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.

## 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 3.77. Dean's List Freshman Fall Semester 2019.

Relevant Coursework:

- Software Engineering
- Computer Graphics
- Elements of Games and Game Development
- Computer Organization
- Operating Systems
- Elements of Computing Systems
- Database Management
- Discrete Mathematics
- Python-Based Computing
- Data Structures

### **Evergreen Senior High School, Evergreen, CO**

August 2015 - May 2019

## SKILLS

C++ (9 years), C (1 year), Fortran (1 year), Python (4 years), MIPS Assembly (0.5 years), Java (4 years), C# (8 years), Front End Web Development (HTML, CSS, Javascript; 4 years); Proven Leadership Ability, Teaching Ability, Public Speaking

## AWARDS

### **CACI C-MAPP Scholar**

2021-2022 School Year

### **Dean's List**

Fall Semester 2019/2021

### **Eagle Scout**

November of 2017

### **Mock Trial Best Witness Award**

2 years, County Level

### **Rotary Youth Leadership Award (RYLA)**

Summer of 2017

Nominated by the local Rotary Club to receive the RYLA and attend the summer conference.

### **National Merit Scholarship Recipient**

Awarded the National Merit Battelle Scholarship

### **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