

# Ethan Glenn

Louisville CO, 80027

Tel: (720)-397-0212 ▪ Email: ethan.glenn@colorado.edu

## EDUCATION:

**University of Colorado Boulder**, Boulder, CO

August 2018 - Present

- Majoring in Engineering Physics and Applied Mathematics
- Will graduate in spring 2022

**Monarch High School**, Louisville, CO

May 2019

**High School Diploma: GPA: 4.52**

- Honors: Magna Cum Laude, Physics Student of the Year, Math Student of the Year, CHSAA 3 Sport Athlete
- Letters: Academics 4 times, Swimming 4 times, Cross Country 3 times

**Technical Skills:** Proficient in Google docs, slides, and sheets, Adobe Illustrator, C++, Java, JavaScript, MATLAB, 3D modeling, 3D Printing, Laser Cutting, and CNC routing, mills, lathes, soldering, and biliterate in Spanish and English.

**Certifications:** CSWA Solidworks, CPR, First Aid, AED, Seal of Biliteracy

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## EXPERIENCE:

**University of Colorado**, Boulder, CO

August 2020 – December 2020

*Course Assistant*

- Hosted weekly help sessions for homework assignments and to prepare for exams.
- Graded the weekly homework assignments for 100+ students.

**University of Colorado**, Boulder, CO

August 2019 – May 2020

*Dispersive Hydrodynamics Lab*

- Worked with research group consisting of undergraduate and graduate level students to study the behavior of nonlinear fluid waves.
- Used mathematical methods to solve higher-order nonlinear partial differential equations that model a wide range of behaviors.
- Used MATLAB to modify the software running the experiment and to perform numerical analysis.

**City of Louisville**, Louisville, CO

February 2017 - Present

*Lifeguard*

- Learned and maintained proficiency in first responder skills, such as First Aid and CPR, to offer individuals in distress optimal support.
- Maximized customer satisfaction by greeting all pool patrons with courtesy and resolving any issues promptly and with a positive attitude.
- Mentored new staff to ensure they were aware of all policies and regulations.
- Completed maintenance and repairs to keep pools and equipment functioning properly.

**Louisville Dolphins Swim Team**, Louisville, CO

May 2019 - July 2019

*Assistant Coach*

- Provided instruction to children ages 5 to 10 in the fundamentals of swimming.
  - Promoted lifelong skills such as discipline and good sportsmanship.
  - Maintained safety of all team members during practice and team activities.
  - Built strong rapport with athletes and coaches before, during and after coaching seasons.
  - Acted as a positive role model for team participants and the community.
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## Extracurriculars:

**Activities**, University of Colorado Boulder

August 2019 – December 2019

CU Triathlon Team

- Trained and competed with the CU Triathlon Team
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