

Maya Williams

Computer Science, Computational Biology

CU Boulder • Class of 2027

Relevant Work Experience

Student Assistant — Barbara Davis Center for Diabetes

- Worked with a team in a laboratory setting to prepare samples for testing across multiple study sites
- Maintained records of sample data using Excel, as well as organizing and categorizing data

STEM Mentor

- Worked with a team of volunteers to lead an 8-week afterschool STEM program for elementary students
- Encouraged students to interact with math topics in a fun and approachable way to help facilitate understanding

Undergraduate Researcher — MEML Lab

- Contributed to a research project on calcium cell signaling in tendons
- Designed and ran experiments to assess cell viability

Relevant Coursework

Principles of Genetics, Calculating Biological Quantities, Disease Modeling, Data structures, Computer Systems, Algorithms, Database Systems

Technical Skills

Programming

- C++, Python, R, SQL

Lab Work

- Centrifuge, Pipetting, Solutions, Imaging using Microscopy
- General lab safety

General

- Customer Service, Excel, Sample Organization