KALIE CHANG

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EDUCATION

Colorado College (Colorado Springs, CO)
Bachelor of Arts in Computer Science, May 2026
Current GPA: 4.00

ThunderRidge High School (Littleton, CO)
IB Diploma, May 2022
GPA: 4.35

RELEVANT COURSEWORK

Fall 2022 - Foundations of Discrete Mathematics, Computer Science I
Spring 2023 - Investigations in Engineering: Preparing for a Career in Space, Computer Science II, Data Structures and Algorithms

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RELEVANT SKILLS

Python, HTML, CSS, Java, Microsoft Office Suite, WordPress, Linux, Linux Soft Links, Get with Github, Adobe Suite, PyCharm, Atom, Babbel, XCode, Object Oriented Programming, Sketch, Gimp, JavaScript, Unix, Terminal, Command Line, C Shell, Shell, Markdown, Agile Development, Waterfall Development, SCRUM

RELEVANT PROJECTS

Java Fighting Game
NOVEMBER 2022
- Developed a fighting video game where the player must find their opponent on a grid-based map through the Computer Science I course utilizing basic Java programming skills
- Researched and incorporated concepts beyond the course, such as GUI, threads, and collisions

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RELEVANT EXPERIENCES

Colorado College Coding Club - *Co-Leader*
AUGUST 2022 - Present
- Engaged with the Colorado College computer science community to build support for those with similar backgrounds through events such as the Rocky Mountain Celebration of Women in Computing
- Expanded involvement within the community through attaining a leadership position within the club

Colorado College Computer Science Department - *Student Interviewer*
DECEMBER 2022
- Interviewed prospective Computer Science professors over breakfast with CS peers and paraprofessionals
- Attended the prospective professors' research presentations and student focused talks to better understand their goals

Technology Student Association at ThunderRidge High School - *Member*
AUGUST 2021 - MAY 2022
- Utilized problem solving and technical skills to come up with an eco-friendly solution for cyanobacteria, which earned my team 2nd Place in the Districts competition
- Effectively learned analytical, extemporaneous speaking, and mechanical skills in order to compete in a variety of events in the Districts and State competition

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ADDITIONAL EXPERIENCES

Denver Animal Shelter - *Volunteer Adoption Guide, Volunteer Translator*
JULY 2021 - MAY 2022
- Facilitated an individual consultation with potential adoptees and approved the adoption of over 20 dogs, cats, and small mammals
- Utilized detail orientation to translate shelter documents from English to Spanish

ThunderRidge Charity Art Auction - *Co-Planner/Manager*
MAY 2021 - MAY 2022
- Established a school event to raise over $300 for the non-profit Think 360 Arts
- Spearheaded a collaboration with my high school community to raise over 50 pieces of artwork for the event

ADDITIONAL SKILLS

English Fluent, Spanish Advanced, Mandarin Chinese Fluent