

Oliver Ramirez

970-691-4905 | oliverramirez307@gmail.com | [linkedin.com/in/oliverramirez04](https://www.linkedin.com/in/oliverramirez04) | <https://oliverramirez4.github.io/>

EDUCATION

Colorado College, Colorado Springs, CO

December 2025

Bachelor of Arts, Major: Computer Science, Minor: Statistical Modeling

- GPA: 3.83
- *Relevant Coursework*: Computer Organization, Data Structures and Algorithms, Statistical Methods, Applied Python, Software Design, Linear Algebra, Computer Science 1, Computer Science 2

SKILLS

Programming Languages: Python, R, Java, C, HTML, CSS, Solidity, javascript

Technical /Computer Skills: Microsoft Office, VSCode, JupyterLab, RStudio, JetBrains IDE, Github

Frameworks: Matplotlib, Tidyverse, NetworkX, BeautifulSoup4, scipy, numpy, scikit-learn, huggingface, flask, etc.

PROJECTS

- **Machine Learning with Spotify API**: Fit Linear Regression, K nearest neighbor, Ridge, and LASSO regression models to 1200+ tracks from the Spotify API to predict track popularity. Divided the data into test and training data sets. Used mean absolute error to compare performance of the different models. Performed tasks using R.
- **Colorado College Class Graphical User Interface**: Collected data from the registrar's office on course points used to get into classes. Scraped excel files for the data and displayed this data in a graphical user interface to make it more accessible for students. Programmed all tasks in Java.
- **River Permit Web Scraper**: Designed a project at the intersection of two of my passions. Rafting and programming. Used the BeautifulSoup4 python library to scrape the national parks website for river permit availability. Created email alerts so that I can be notified when the rivers that I want to raft and kayak have available permits.
- **Colorado College Level Up Program**: Built an AI chatbot webpage using flask, hugging face transformers, html, and css. Completed this as a project for the Colorado College level-up program. Presented my project to industry professionals, professors and fellow students at the level-up presentation event.

LEADERSHIP & INVOLVEMENT

Colorado College Men's Soccer

August 2022 - December 2025

Student Athlete

- Devoted an average of 25 hours per week to training, conditioning, meetings, travel, and games.
- Communicated with 20 teammates to drive our team to be nationally ranked and make it to the NCAA Elite 8
- Volunteered for organizations within our community. Special Olympics, Team Impact, TESSA of Colorado Springs
- Honors and Awards: CSC All-District Men's Soccer Team, SCAC Academic All-Conference, All-Region Team

Colorado College Coding Club

August 2022- Present

Member

- Actively participated and demonstrated a strong commitment to enhancing coding skills and staying abreast of the latest industry trends.
- Collaborated with fellow members to guide discussion and direction of group meetings

WORK EXPERIENCE

Rapid Transit Rafting, Estes Park, Colorado

Summer 2023

Whitewater Raft Guide

- Certified by the state of Colorado, completed 300+ hours of training on the Colorado and Cache La Poudre River
- Successfully guided 76 trips down multiple sections of water on the Cache La Poudre River while providing an entertaining, memorable, and professional experience for people coming from all over the world

Big Leaf Industries, Fort Collins, Colorado

May 2020 - August 2022

Branch Manager

- Maintained all tools and equipment used by the team; replaced damaged or broken items as needed
- Followed up with customers after each job to ensure their needs were met and expectations were exceeded
- Communicate with coworkers to devise effective and safe plans for tree pruning and removals