# Alexander Ellingsen

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## EDUCATION

### Montana State University Honors College,

**Gianforte School of Computing**

**Bozeman, Montana**                                  **2022 - Present**

- Bachelor of Science in Computer Science
  - Minor in Finance

*Cumulative GPA*: 3.96

*Awards*: Fall 2022 Dean's list, Spring 2023 President's list

### Lewis and Clark High School

**Spokane, Washington**                              **2018 - 2022**

*Cumulative GPA*: 4.3

*Awards*: Magna Cum Laude, 4-year continuous Honor Roll student, 2021 AP Scholar with Honor, 2022 AP Scholar with Distinction

## EXPERIENCE

### Undergraduate Course Assistant, Montana State University

**Bozeman, Montana**                                  **April 2023 - Present**

- Instructed students in an introductory python course
- Answered questions related to coursework and assignments

### Software Engineer, Space Science Engineering Laboratory

**Bozeman, Montana**                                  **February 2022 - Present**

- Created a server in Python to communicate satellite data between in-house computers
- Wrote and documented software to collect and format satellite data in Python and Ruby
- Created a graphical interface using InfluxDB to display telemetry data

### Sales Associate, Target

**Hayden, Idaho**                                        **June 2021 - August 2021**

- Interacted and provided insight to customers regularly
- Worked with a team to remodel the sales floor

## TECHNICAL SKILLS

- Proficient in **Python** and **Java**
- Experience in **C**, **Ruby**, **HTML/CSS,** and **Kotlin**
- Written documentation in **LaTeX**
- Worked on projects using Docker and InfluxDB
- Knowledge of version control software (Git)

## PROJECTS

- Utilized **Python**, **Java**, and **C** on dozens of classworks, assignments, and labs
- Designed and created a personal portfolio website using **HTML/CSS**
- Part of a team that is developing a mobile Android game using **Java** and **Kotlin**

## LEADERSHIP EXPERIENCE

- Eagle Scout - February 2022
- Held the position of Team Captain of the Lewis and Clark Tennis Team for two years