Olivia Golden

EDUCATION

University of Colorado, Boulder, CO   Degree anticipated May 2023
Pursuing a Bachelor of Science   Dean's List Fall 2019 - 2022
Major: Computer Science   **GPA 3.943**
Minor: Applied Mathematics

EXPERIENCE

IBM
   Backend Developer Intern, May 2022 - August 2022
- Developed backend and front end code for testing the IBMi operating system to provide a more intuitive and capable interface
- Updated C IBMi testing framework code to produce correct pass/fail results
- Composed bash shell scripts for automatic compiling

Maxar Technologies
   Mission Control Systems Engineering Intern, May 2021 - Dec 2021
- Documented high-level Python code for wideband telemetry and monitored simulation instances
- Migrated complex APIs to Stoplight platform
- Organized 6Q Roadmap on JiraAlign

Brown Group, Department of Computer Science at University of Colorado Boulder
   Undergraduate Researcher, January 2020 - March 2020
- Predicted the terrestrial water cycle at local to global scale
- Applied validation and verification techniques
- Interpreted data and created interactive graphs with Python

AWARDS/HONORS

President Joseph A. Sewall Award
- $20,000 merit scholarship, awarded based upon academic excellence

Engineering Honors Scholar
- Honors program recognizing students for academic excellence in STEM.

TECHNICAL SKILLS

- C++/C#
- Python
- HTML
- SQL
- JavaScript
- Linux
- CSS
- REST
- Git
- Perl
- Scala
- JSON

OTHER INVOLVEMENT

Engineers Without Borders CU Student Chapter - Member, August 2019 - Present
Society of Women Engineers - Member, August 2019 - Present
St. Luke's Presbyterian Hospital - Volunteer, August 2018 - May 2019
East Elementary School - STEM Volunteer Tutor, August 2018 - May 2019
Deep Space Systems - Engineering Intern, June 2018 - August 2018