

Jaclyn Stickrod

Boulder, CO | jaclyn.stickrod@colorado.edu | 720-474-3101 | www.linkedin.com/in/jaclyn-stickrod-08a579186/

EDUCATION

University of Colorado Boulder – College of Engineering and Applied Science

Bachelor of Science in Computer Science - May 2022

Cumulative GPA of 3.7

- **Relevant Courses:** Software Development, Algorithms, Databases, Operating Systems, Data Science
- **Additional Interests:** Networking, Computational Applications to Biology, Sustainability

WORK EXPERIENCE

Lockheed Martin Space, Littleton, CO

May 2020-August 2020

Software Engineering Intern

- Wrote CCOR instrument model for GOES-U spacecraft simulation, allowing customers to test CCOR instrument functionality throughout GOES-U's lifespan. Created initial unit tests and integration tests to assure model reliability.
- Updated thermal model of the GOES-U simulation with Python scripts and version control techniques.

Digicomm International, Englewood, CO

May 2019-August 2019

Intern

- Assembled a CRM database from accumulated customer contact information, while learning database essentials. Cleansed data and developed a functional database schema. Collaborated with sales team, upper executives and software engineer to create a serviceable product.

SOFTWARE PROJECT EXPERIENCE

Cowboy Game

August 2020- December 2020

University of Colorado Boulder

- Designed a simple one player obstacle game using the Pygame framework.
- Used object-oriented principles and patterns to create design of game.
- Worked with groupmates remotely and organized meetings.

Coin Counter

August 2019- December 2019

University of Colorado Boulder

- Created a basic application user interface using Swift in XCode.
- Worked with NodeJS to connect frontend UI to backend coin counting image recognition technology.
- Lead group meetings and maintained agile life cycle.

Flight Finder

March 2019-May 2019

University of Colorado Boulder

- Used a python web scraper to give flight data and save into a JSON file.
- Parsed JSON file into a data structure for convenient manipulation.
- Tampered with graphics for flight results and built a terminal-based user interface.

LED Ticker Board, Parker, CO

April 2018-May 2018

Chaparral High School

- Wired LED Panels together and built frame for scrolling text LED board.
- Assisted in sending text to the LED board feature. Implemented Matrix's Riot real-time IP chat room to generate personalized text. Created Raspberry Pi feature to read text from chat room and display on LED board.

VOLUNTEERING AND OTHER INTERESTS

Young Life, Boulder, CO

August 2019-Present

Leader for YoungLife

- Spending time with middle school students biweekly at club, and outside of club. Organizing club with other leaders.

HONORS AND AWARDS

- Dean's List, Spring 2019, Fall 2020, Spring 2020
- Outstanding Student in Technology, Spring 2018

SKILLS

- | | | |
|-------------------|----------|-----------------|
| • Data Structures | • Python | • Linux |
| • Algorithms | • Java | • Git/Mercurial |
| • C++/C | • Scala | • SQL |