**Bridget Murphy**

2665 Colorado Ave, Boulder CO, 80302

805-490-5063 | bridget.murphy@colorado.edu

**Data Scientist and Software Engineer**

Highly motivated **computer science** student seeking employment opportunities in **software design** and **data management**. Interested in leveraging programming experience and business skills to positively contribute to goals.

**Education**

**Bachelor of Arts and Sciences in Computer Science,** University of Colorado, Boulder, CO, Spring 2019

**Relevant Coursework**

Data Structures • Algorithms • Computer Systems • Linear Algebra • Modern Physics (Relativity and Quantum Mechanics) • Data Science • Principles of Programming Languages (Functional Programming) • Software Development

**Experience**

**Research Assistant,** *University of Colorado Boulder*, Boulder, Colorado, 2018-present

* Worked in Swift to create an iOS application which reads accelerometer data from a BBC micro:bit
* Helped run a study with five high school aged participants to test said application and its potential use in high schools
* Participated in weekly and biweekly stand up meetings and helped document the project using Basecamp

**Ice Rink Staff,** *University of Colorado Ice Rink*, Boulder, CO, 2015-2017

* Maintained quality of ice for large events including the Colorado Hockey Prospect camp as well as Colorado Men’s and Women’s hockey games to meet American Collegiate Hockey Association standards
* Sold equipment and skate sharpening packages to meet and surpass the semester goals for sales
* Sharpened skates for both hockey and figure skaters to improve their performance during competition

**Skills**

C++ • Python • Javascript • HTML/CSS • SQL • Unix Command Line • NodeJS • Swift