

# Preston Kelley

(970) 556-2584  
preston.kelley@colorado.edu  
github.com/pkelley

## Summary

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Current Computer Science Student with experience in a professional work environment and a true passion for technology. Proven skills in web development, project management, and professional communication.

## Education

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### University of Colorado Boulder

#### Bachelors of Science in Computer Science

**Expected May 2019**

**GPA: 4.0**

**Awards:** Engineering Differential Merit Scholarship, Dean's List, AP Scholar with Distinction

**Relevant Courses:** Data Structures, Software Development Methods and Tools, Computer Systems, Linear Algebra w/ CS Applications

## Skills

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**Languages:** Python, C++, C, Bash, SQL, HTML/CSS, Matlab

**Tools/Frameworks:** Git, Django, Bootstrap, MySQL

**OS:** Linux, macOS

## Experience

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### Research Assistant

**Jan. 2016 - Present**

*National Institute of Standards and Technology – Boulder, CO*

- Worked with CTL scientists and engineers to develop web content that describes the mission and current research projects
- Implemented all of CTL's new and existing content using Drupal interface and HTML, with requirements constantly changing
- Held meetings to solve content discrepancies, as well as moderated and updated project management system, Twiki

## Projects

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### Twitter Sentiment Analysis - Python, HTML/CSS

**August 2016**

<http://pkelley.pythonanywhere.com>

- Designed web app to search a given term on Twitter via the Twitter API and analyze the recent sentiment of that term
- Applied Naive Bayes Classifier through the NLTK module in python
- Implemented Django framework for responsive web app, with an SQLite database
- Intuitive front-end using Bootstrap

### Flip Flops 9000 - C#, JavaScript, SQL

**September 2016 - Present**

- Developed endless runner built in Unity for iOS and Android platforms, with a MySQL database connected to leaderboard web application
- Applied Object Oriented Design and best practices to code
- Led team of six in semester long project with requirements defined by the instructor and frequent releases using Agile methodologies
- Designed and implemented JavaScript (Node, Express, Angular) stack for leaderboard web app