PRESTON KELLEY

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

EDUCATION

University of Colorado Boulder *Expected May 2019*
Bachelors of Science in Computer Science Overall GPA: 4.00/4.00
Minor in Space

Relevant Courses	Algorithms, Operating Systems, Data Structures, Software Development Methods and Tools, Computer Systems, Linear Algebra

TECHNICAL STRENGTHS

Languages	Python, C++, C, Bash, SQL, HTML/CSS, MATLAB
Tools & Frameworks	Git, Django, Bootstrap, MySQL
OS	Linux, macOS, Windows 7

EXPERIENCE

National Institute of Standards and Technology January 2016 - Present
Research Assistant

· Worked with CTL scientists and engineers to develop web content that describes the mission and current research projects
· Implemented all of CTLs new and existing web content using Drupal interface and HTML
· Added features to PSCR lab operation's software tools, such as date picker functionality for multiple fields using JavaScript and HTML
· Redesigned entire UI of PSCR's lab tools using HTML and CSS

PROJECTS

Twitter Sentiment Analysis - Python, HTML/CSS September 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 August - December 2016

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

EXTRACURRICULAR AND AWARDS

Computer Forge at CU
Engineering Differential Merit Scholarship
Deans List - All semesters
AP Scholar with Distinction