

Lauren K. Raddatz

lauren.k.raddatz@gmail.com · (630) 453-1598 · <http://laurenraddatz.com>

EDUCATION

University of Colorado Boulder

Boulder, CO

Bachelor of Science in Computer Science

Expected: May 2018

Extracurriculars: Engineering Honors Program, Radio 1190 (Volunteer, DJ), HackCU (Participant)

SKILLS

Highly skilled and proficient in: Python, Javascript, Typescript, HTML/CSS

Proficient in: C/C++, Matlab, Scala, SQL

Frameworks/libraries/tools: AngularJS, Agile, Jasmine, MongoDB, Node.js, React.js, Selenium

EXPERIENCE

Workday, Inc.

Boulder, CO

Software Engineer Intern

May 2017 - Present

- Planned and developed a spreadsheet quick-stats feature on the web application codebase with Angular 1 using ES6.
- Used React to implement various interface features and elements within an early rich-text editing web application.
- Participated in the Agile development process as an individual contributor on a world-class team of software engineers.
- Wrote unit and user interface tests for the web application using Jasmine and Selenium.

Laboratory for Atmospheric and Space Physics

Boulder, CO

Undergraduate Research Assistant in Data Systems

Jan 2016 - Oct 2016

- Developed a real-time plotting script in Python and IDL for housekeeping data of the NASA MMS satellites.
- Implemented Bash deployment scripts to automate user environments with custom code bases.

Colorado Space Grant Consortium

Boulder, CO

Lead Command and Data Handling Engineer

Dec 2014 - Oct 2015

- Programmed SIMBA, a high altitude balloon payload, designed to fly with the High Altitude Student Platform program operated by NASAs Columbia Scientific Balloon Facility.
- Responsible for overseeing the development and implementation of Python flight software for running the on-board sensors through a Raspberry Pi, uplink and downlink communications, and managing the collected data.

PROJECTS

TwitMap - A web application that generates a heatmap of tweets in real-time based on the user-input keywords using a MEAN stack.

Anti-Clickbait Facebook Extension - A Chrome Extension that identifies clickbait articles on Facebook and injects a summary of the clickbait article onto the page.

Javascripty Interpreter - A semester project for the Principles of Programming Languages class: construct an interpreter for Javascripty using Scala.

ACTIVITIES

CU-Women in Computing *Chair - Treasurer, Social Media Coordinator*

Aug 2016 - Present

- An ACM-W Chapter. Engaged with women and diversity at CU to promote inclusion through tutoring and events – both networking and casual.

Society of Women Engineers *Outreach Volunteer*

Oct 2015 - Apr 2016

- Coordinated and lead engineering-related projects and activities for local high school students.