Tyler Lugger

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Profile

To enhance my knowledge of the software engineering and development field through hands on experience and collaboration with professionals. I am looking for the opportunity to showcase my ability to quickly learn new technologies, develop code, and maintain software.

Skills

Programming Languages: Python, C, C++, PHP, Scala, Ruby, JavaScript, XML/HTML, Matlab

Current Coursework: Principals of Programming Languages, Numerical Computation, Database Systems, Computer Graphics

General Skills: Great team player, enthusiastic programmer, accountable and reliable worker

Relevant Experience

NCAR/UCAR **Internship – Data Management & Software Engineering** **January 2016 – Present**

- Gained experience developing Python software and Drupal web applications in PHP for research scientists
- Practiced knowledge gained from computer science classes to contribute to company software
- Used software developed by other students and developers to move and analyze datasets

Sierra Nevada Corporation **Test Technician** **May 2014 – January 2016**

- Employed as a technician operating thermal chambers & thermal vacuum chambers in product test center
- Witness first hand the process that go into working on and completing a large project
- Developed personal responsibility through work with very sensitive space flight hardware and test instruments

Colorado Space Grant **Science Team Member** **Nov 2013– Aug 2014**

- Worked on science team of the HELIOS III satellite flown on the High Altitude Space Platform
- Encountered and problem solved on several technical challenges
- Learned the process of proposing, presenting, and documenting progress on a project

Education

University of Colorado Boulder **Aug 2013 - Present**

Bachelors of Science degree in Computer Science; graduating in Spring of 2018
- Experience in Aerospace Engineering

Volunteer Experience

TEAMS Lead **Feb 2014 – Present**

- Led group of engineering students volunteering at local elementary schools
- Encouraged children to have a curiosity and passion for STEM subjects
- Built valuable leadership skills