***BEN KNIPPING***

1911 Manitou Ave

Boise, Idaho 83706

(208) 870-3850

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**EMPLOYMENT HISTORY**

**Research assistant,** *Boise State University,* January 2014 to present

* Research assistantship under Dr. Brian Jackson
* Worked on a project focusing on finding very short period planets in the Kepler dataset
* Work with Python mainly, as well Fortran and GitHub

**Assistant Manager,** *The Griddle Restaurant***,** Spring 2010 to September 2014

* Lead server and assistant manager
* Focused on managing the efficiency of the restaurant as well as a team of ≈10 coworkers
* Worked 25-35 hours per week during school

**Lab Instructor,** *Boise state University***,** 2013 to present

* 5-10 hours a week worth of lab prep, instruction, and grading
* Focus on managing a classroom of 25-30 students and becoming an expert source of lab information
* Basic mechanics (freshman physics) and astronomy labs

**EDUCATION AND ACADEMICS**

**Boise State University**, Graduating Spring 2015

* Current senior
* Majoring in Physics
* 3.1 GPA
* Classes include scientific computing (focus on Fortran) as well as engineering statistics

**Eagle High School,** Graduated 2011

* Top 5% of class
* 4.2 cumulative GPA
* Cumulative ACT score - 34
* Science student of the year

**PROGRAMMING SKILLS AND EXTRACURRICULAR ACTIVITIES**

|  |  |
| --- | --- |
| * + Experience working with Python, Fortran, C++, GitHub, and R   + Python programming focused on time series and trend analysis   + AP Scholar, National Honor Society member   + American Physical Society and American Astronomical Society member   + Enjoy backcountry skiing, reading, computers, and sports in general |  |