**TESTING**

**Research and Data Analyst**

Oregon State University Corvallis, Oregon 5/2019 to Present

* Team lead working to automate processes currently done by hand using Java and Python

**Software Engineer**

Cambia Health Solutions Portland, Oregon 10/2018 to 4/2019

* Worked extensively developing unit tests in Java for server code without test coverage as the company moved towards a more continuous integration environment
* Designed and built automated testing frameworks primarily for front end testing utilizing Python, Selenium, PyUnit

**Software Engineer**

Oregon State University Corvallis, Oregon 1/2016 to 9/2018

* Worked as a lead testing engineer developing a testing framework as part of an industry grant with Fujitsu
* The framework was developed with Python, JavaScript, Selenium and Jira and was part of a large IOT project that included hardware and software components
* While the work was primarily technical we actively worked with teams at both OSU and Fujitsu in an Agile environment that involved trouble shooting and development of documentation
* on a large team as a on an industry grant through developing more efficient IOT HVAC equipment
* Our team was responsible for developing all of the test coverage for the hardware and software being developed which included mobile, web and server interfaces
* The testing work was primarily done with and included writing unit tests, developing testing pipelines

**Programmer Analyst**

Oregon State University Corvallis, Oregon 6/2013 to 9/2015

* Worked with multiple customers across OSU including students, faculty and staff to help the Career Development Center provide digital services more efficiently
* Project manager for transition to new career database which involved multiple departments including the Career Development Center, Office of Human Resources and Information Services
* Led the data analysis component of a Departmental Audit including developing algorithms in Java and Python to analyze 5 years of departmental data for Department Staff and Dean of Student Life

**Research Assistant**

Oregon State University Corvallis, Oregon 1/2012 to 6/2013

**Graduate Research Assistant: Department of Nuclear Science and Technology**

Oregon State University Corvallis, Oregon 10/07 to 5/10

* Designed, tested and built digital radiation and detection software and was lead on all aspects of algorithm construction and software development cycle from start to completion