

# Jordan Bartley

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## Profile-----

Highly motivated computer information science student with keen problem-solving skills. Professional experience with a vast amount of software and programming languages in the workplace, including

OpenStack Development  
Python  
Eclipse IDE  
Selenium

C++  
Jenkins  
HTML 5  
Adobe Creative Suite

Java  
PHP  
MySQL  
Unix and Linux Systems

## Education-----

**Bachelor of Arts, Computer Information Science**, Graduated May 2018  
St. Edward's University, Austin, TX

**Study Abroad Program**, Summer 2014  
German language study; Goethe Institute, Berlin, Germany

## Relevant Experience-----

**Cloud Infrastructure Services Intern, *International Business Machines***, June 2015 to August 2015  
Introduced to OpenStack and IBM Cloud, worked in an Agile project structure, and presented final project to potential users within the company.

- **Cloud Health Automation (Python, OpenStack, Microsoft Excel, YAML)**
  - Developed an automated Python job that verifies and validates permissions and presence of files and directories for multiple OpenStack server nodes, then place results of the inspection on an easily readable Microsoft Excel spreadsheet, along with many other formats.

**Cloud Infrastructure Services Co-Op, *International Business Machines***, August 2015 to May 2017

- **Automated Web Acceptance Tests (Selenium, Python)**
  - Created an application which monitors reliability and permissions for a web-based dashboard using Selenium.
  - Allowed the programmers of the dashboard to quickly see if any button or function of the dashboard was not working correctly within 5 minutes of running the test.
- **Performance Log Analysis (Elasticsearch, Logstash, and Kibana)**
  - Designed, wrote, and maintained a program that performed various performance related queries for OpenStack.
  - Performance engineers were able to view the dashboard to sort and find the biggest issues appearing in the error logs of their OpenStack instances.
- **Automated Security Assurance (Ruby, Jenkins, YAML)**
  - Implemented a system that would monitor files and folders within an OpenStack instance to ensure they were up to code with IBM's internal security policies.
  - The system would correct any errors of permissions and create missing folders and files that were critical to the OpenStack instance.
  - Developers were able to check if their OpenStack instances were up to code with IBM's policies and quickly fix the error.

**Computer Science Researcher, *National Science Foundation***, June 2012

- Researched how to parse data using Python and Java coding languages.
- Created program predicting quarterback game ratings through algorithms based on data collected from several season's worth of data.
- Presented research findings at a National Science Foundation event.