PATRICK CARLSON

1309 Forestford Court, Raleigh NC 27610

(919)-441-0990 | pats.carlson@gmail.com | github.com/Juniped

Summary

- 2.5 years experience at Red Hat as a software developer.
- 2 years experience at Cisco as automation engineer/DevOps Engineer
- Knowledge and experience with HTML, CSS, Javascript, ReactJS and AngularJS.
- Academic and work experience working on an agile team.
- Backend Python/Django experience and experienced Python development

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Education:

North Carolina State University, Raleigh, NC   - B.S. in Computer Science, Fall '17

Work Experience:

Cisco Systems, Morrisville, NC

DevOps Engineer: October 2018 - Present

- Maintained and developed automation scripts to sync data between Qualys and Jira, as well as manage JIRA workflow via the same scripts.
- Developed Web Tools with Python and React to help the Vulnerability Management team increase productivity and hosted tools via Cloud Platforms.
- Developed and maintained automated mass data gathering and reporting scripts for Vulnerability Management.

Software Automation Engineer: February 2018 - October 2018

- Developed and executed tests, logged and tracked issues and drove them to resolution with verification of bug fixes, documented test results and research findings.
- Developed software/scripts as needed to assist in the systems validation process using Python, PyATS and GitLab.

Red Hat Software, Raleigh, NC

Digital IT Intern: May 2016 – December 2017

- Developed scalable apps to manage membership of mailing server applications and lists automatically using python
- Designed and wrote scripts to solve common and repeating issues in the company in order to increase team productivity
- Worked on a team to develop a web portal to allow automatic creation of mailing lists and google groups to free up associate time for more important tickets.

Technical Support Intern: May 2015 – May 2016

- Testing and debugging of various pieces of code generated by manager and associated interns.
- Worked on a development team to create Web Tools on our own created platform to enhance engagement between engineering and support teams within Red Hat. Used Angular JS, HTML, CSS Python and MongoDB to accomplish this.

Skills:

- Python, HTML, CSS, JavaScript, JavaScript Frameworks (Angular, Aurelia, React), Java, C, Bash
- Windows (8, 7, Vista, XP, DOS) RHEL, Fedora, Ubuntu, Cisco IOS
- SQL, MySQL, MongoDB, MariaDB
- Minor experience: Splunk, Google Cloud Platform, AWS, PyATS, TextFSM, Docker