Vulnerability Research Labs

Test Automation Engineer

Vulnerability Research Labs has spent more than a decade becoming the most respected source on cyber threat intelligence while maintaining the culture and feel of a start-up. We are the best in the field because we believe in our mission – to deliver unparalleled capabilities that alleviate the risk posed by today's cyber threats. We offer the opportunity to work on diverse technologies with the best developers in an exciting company with a flat organizational structure. Helping us address the newest cyber threats is where you come in!

We're currently seeking a Test Automation Engineer to join our top-notch software engineers and testers with a focus on making sure our products are perfect for our customers when they're delivered. You will be responsible for creating and maintaining an automated test framework and infrastructure, with the goal of minimizing manual testing across the suite of VRL tools.

We are looking for:

An experienced Automation Engineer who is passionate about his or her discipline and who:

- Enjoys challenges and is a creative problem solver
- Likes to break things
- Enjoys working independently or in a small team.
- Is eager to find ways to code himself/herself out of monotonous tasks
- Pays attention to the details
- Is a clear communicator and is able to work directly with QA, developers, and technical writers to explain and help remediate discrepancies
- Works well with quick delivery deadlines
- Is comfortable working with minimal direction

Our day-to-day at Vulnerability Research Labs:

As part of the Engineering team, you will:

- Build and maintain automated test harnesses and environments
- Perform automated testing, stress testing, usability testing, and manual testing as necessary
- Provide technical direction in the VRL QA process
- Develop, review, and execute test plans
- Help analyze defects to determine root cause
- Give immediate feedback to software developers and work with them to improve the product
- Champion initiatives to continually improve processes, product quality, and tools

Skills you will need and we will enhance:

- Extensive experience building test automation with Python and one or more of the following: PowerShell, Bash, Ruby, or other high level language
- Experience with all levels of testing, using:
    - Version control tools such as Subversion or Git

- o Infrastructure automation tools such as Ansible
- o Browser automation tools such as Selenium
- o Continuous integration tools such as Jenkins
- o Bug trackers such as Jira
- o Knowledge of boundary cases that make software fail
- Advanced knowledge of virtualization technologies such as VMWare Workstation / vSphere, to include programmatic management with, e.g., pyvmomi.
- Strong understanding of network principles (TCP/IP, DHCP, routing, etc.) and common architectures (corporate LANs)
- Knowledge of mobile testing frameworks
- Knowledge of test strategies as they pertain to cybersecurity tools
- A passion for computer/network security and an interest in solving hard problems
- Strong communication skills
- Ability to perform well in a small team or independently
- B.S. or M.S. degree in Computer Science or a related discipline preferred

Things we like best about VRL:

- The chance to work with the best developers in the business
- Minimal time in meetings
- The ability to go to conferences and training
- Real offices with doors and desks
- Good fresh brewed coffee and our own espresso machine
- A well-stocked pantry with food and beverages
- Most of all: interesting and challenging work and a great team to work with!

VRL is proud to be an Equal Employment Opportunity employer and does not discriminate on the basis of race, religion, gender, national origin, color, age, military service eligibility or veteran status, disability, sexual orientation, marital status or any other protected class. We encourage and support workplace diversity.

Qualified candidates should send their resumes to: info@vrlsec.com.

We are unable to hire non-US citizens. Please, no third party firms.