

Software Development Engineer in Test

Here at Vulnerability Research Labs we have spent more than a decade becoming a technical leader in cyber security. We became a technical leader in the field because we believe in our mission – to be at the forefront of cyber security and deliver unparalleled capabilities that solve our customer’s hardest problems. We offer the opportunity to work on diverse technologies with hard working developers in an interactive company with a flat organizational structure.

We’re currently seeking a Software Development Engineer in Test. As part of the Engineering team, you will focus on ensuring our products meet our customers’ expectations by creating and maintain automated tests and testing infrastructure.

We are looking for:

An experienced Software Development Engineer who:

- Enjoys technical challenges
- Is a creative problem solver
- Likes to understand how things work
- Thrives on learning new technology
- Pays attention to the details
- Is a clear communicator

Our day-to-day at Vulnerability Research Labs:

As part of the Engineering team, you will:

- Create and maintain automated test harnesses and environments, primarily in Python
- Perform automated testing, stress testing, usability testing, and manual testing as necessary
- Provide technical direction in the VRL test and release 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:

- Strong troubleshooting and problem-solving skills
- Proficiency with one or more of the following modern programming languages: Python (preferred), PowerShell, Bash, or other high-level language
- Experience building test automations programmatically
- Understanding of agile methodologies and Continuous Integration/Continuous Delivery
- Knowledge of various types of testing processes, including:
 - Creating boundary cases that make software fail
 - Minimizing test cases and reproducing failures

- Pros and cons between different levels of testing
- Experience with virtualization technologies such as VMWare Workstation / vSphere
 - Scripting and automating testing deployments and workflows with virtualization APIs
- Solid understanding of network principles (TCP/IP, DHCP, routing, etc.) and common architectures (corporate LANs)
- Experience with the following:
 - Version control tools such as Subversion or Git
 - Infrastructure automation tools such as Ansible
 - Bug trackers such as Jira
 - Continuous integration tools such as Jenkins
- Basic understanding of HTTP server technologies and REST/JSON interfaces
- Foundational understanding of Windows and Linux
- B.S. or M.S. degree in Computer Science or a related discipline preferred

Things we like best about VRL:

- Solving hard technical problems
- Dedicated time to learn, research, and engineer solutions with minimal distractions
- A strong focus on learning and career development including conference and training opportunities
- Individual offices equipped with employee driven choice of computers and equipment
- Fresh brewed coffee
- A well-stocked pantry with food and beverages
- Most of all: a technically challenging work place that takes care of its employees

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.