

Senior Systems Engineer — Reston, VA

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 Senior Systems Engineer for our Reston, VA office to play a central role in transforming our IT operations into a DevOps environment. Along with our Columbia, MD Systems Engineer you will design, implement and manage our IT and development infrastructure. You will also be responsible for ensuring that we follow security best practices and procedures.

We are looking for:

A senior systems engineer that is a self starter, takes ownership, enjoys learning new technology and is able to:

- Design and implement IP networks including:
 - Routing
 - WLAN
 - DHCP/DNS
 - VLANs
 - MPLS
 - VPN (OpenVPN/IPSEC)
 - Firewalls (Host and Network)
- Manage a vSphere ESXi deployment with over a thousand virtual machines
- Implement container tools (i.e. Docker), automation tools (i.e. Puppet/Chef/Ansible) and VM creation tools (i.e. packer) in order to automate deployment of servers and other virtual infrastructure
- Provide infrastructure automation wherever possible
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- Analyze the impacts of all decisions including
 - Effects to engineers and end users
 - Continuity of operations
 - Required Logging and Reporting
 - Security Risk evaluation
- Troubleshoot issues on a variety of operating systems including:
 - Linux (Ubuntu/CentOS)
 - Windows (XP-10)
 - macOS

- Monitor and regularly update the security posture of all IT systems
- Complete all parts of the IT Acquisition process including Requirements Analysis, Design, Purchase Negotiations, and Implementation
- Implement and manage an Asterisk PBX
- Document the network architecture and provide infrastructure and IT security information both internally and externally in both verbal and written formats
- Provide technical support to the Security Manager for all physical security systems
- Provide end-user support to engineering and functional staff, including IT purchasing, troubleshooting, etc.

Our day-to-day at Vulnerability Research Labs:

- Work closely with highly technical staff to solve complex and interesting problems and provide assistance when needed to non-technical staff
- Provide IT and security support
- Automate and improve IT processes
- Assist with automation for production and testing of software products
- Evaluate and provide input on open source and commercial solutions and products

Skills you will need and we will enhance:

- Solid knowledge of and experience with LAN and WAN networking technology including configuration of physical equipment (Cisco IOS preferred)
- Thorough knowledge of IT practices, including system security and performance measurement
- Detailed understanding of VMware virtualization
- Ability to seamlessly communicate with both local and remote employees
- Experience with DevOps and scripting
- Knowledge of IT security procedures and log auditing (SOC/CSOC)
- Ability to troubleshoot and resolve technical issues independently
- Experience with source control tools such as Git
- Ability to configure, improve, and maintain continuous integration tools such as Jenkins
- Experience with infrastructure automation tools such as Puppet, Chef, and/or Ansible
- Understanding of and experience with the deployment of container technologies such as Docker
- Experience with scripting languages such as python, bash, Node.js, etc
- Experience with Jira
- A customer-first mindset and willingness to understand and support business outcomes

Things we like best about VRL:

- Minimal time in meetings
- The ability to go to conferences and training
- Real offices with doors and desks
- Good fresh brewed coffee
- 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.