



## **Senior Software Engineer – Reston, VA or Columbia, MD**

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 Software Engineer with experience in C++ and Python development to join our team. As part of our software engineering group, you will join top-notch developers who design, engineer, and deliver software products to our end customers.

### **We are looking for:**

Experienced C/C++ Developers with imagination and drive

- Imagination to think of new ways to solve hard problems
- Drive to take code from a proof of concept to a customer deliverable
- Ability to work alone or in teams of 2-5 developers.
- Attention to detail – we do code reviews but do not micro manage
- Curiosity and a willingness to tackle big challenges

### **Our day-to-day at Vulnerability Research Labs:**

- Developers spend most of their time doing what they love, solving problems with code
- Writing cool NEW code – some days on Windows, others on Linux
- Poking around the internals of various operating systems (with Windbg, Immunity Debugger/Ollydbg, IDA Pro, gdb, lldb) discovering new features, vulnerabilities and techniques
- Testing out ideas and automating code using a virtual lab.

### **Skills you will need and we will enhance:**

- Detailed understanding of malware techniques, defenses, and counter measures
- Network programming and protocol analysis
- Familiarity with operating system internals
- Experience implementing encryption
- Solid (3+ years) software development experience with some of the following:
  - Win32 C/C++ (user and kernel mode)
  - Building with custom tool chains
  - Python
- At least some development experience in or knowledge of the following:
  - Linux (user and kernel mode)
  - Android or iOS

**Things we like best about VRL:**

- Minimal time in meetings
- The ability to go to conferences like Infiltrate, Blackhat, HiTB, and Shmoocon
- Real offices with doors and desks
- Good fresh brewed coffee and our own espresso machine
- A well-stocked pantry with food and beverages
- Loads of research and development tools at your disposal
- 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](mailto:info@vrlsec.com).

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