

Protocol Stack Software Engineer position at Ermes Cyber Security S.r.L.

Seniority Level:	Senior level
Industry:	Cyber Security
Employment Type:	Full-time
Position:	Permanent
Job Functions:	Developer

Ermes Cyber Security is a company providing advanced web security solutions for enterprises.

We are looking for a protocol stack software engineer to help build innovative solutions that enable rapid protection from the threats of the web.

You will work on the design, implementation and maintenance of a cross-platform protocol stack library to be leveraged by Ermes Cyber Security's real-time traffic analysis products.

You will also be interacting with product management and customers to understand detailed requirements.

Key requirements:

- BS in **Computer Engineering** or **Computer Science** or equivalent
- 2+ years of work experience
- Strong programming proficiency in the **C/C++ languages**
- **Deep knowledge of network communications protocols (TCP/IP stack, DNS, TLS, HTTP 1.1 / 2 / 3)**
- **Experience working with userspace TCP/IP stack libraries (e.g. lwIP or other similar frameworks) or working on VPN/proxy implementations.**
- Ability to understand and implement protocol standards and specifications (e.g. IETF RFCs)
- Strong knowledge of **computer science fundamentals**: data structures, algorithms and programming languages
- Strong knowledge of software engineering processes, **agile methodologies**, tools, methods, test development
- Possess attitude to security and privacy and knowledge of secure code design guidelines
- Fluent in spoken and written **English**

Nice to have:

- MS or PhD in **Computer Engineering** or **Computer Science** or equivalent
- Experience with the implementation/integration of native code in Android/iOS apps
- A disciplined approach to development, documentation and code structure
- Expertise with performance analysis and tuning including memory usage, CPU utilization, battery draining, etc.

Please send your CV to info@ermes.company and include examples of any projects or applications you've worked on (either independently or as part of your work/studies) and what role you played in them.