Chief Scientist (Cryptography) - M/W

Cosmian is looking for a passionate professional with a deep expertise in cryptography

**Job Description**

Your main responsibility will be to lead our cryptographic research and development. Cosmian implements the latest research in fully-homomorphic encryption, functional encryption and secure MPC, to provide better protection of privacy. Your daily mission will include managing the collaborations with the academic and research worlds, working with some of the best world cryptographers including the crypto team from École Normale Supérieure Paris, understand how their latest research can be leveraged, design new implementation algorithms with Cosmian C++/Rust developers, lead certification and/or patenting where appropriate, and more generally get our work known and recognized by a larger cryptography community.

The job is full-time and located in Paris, France. Remote work may be envisaged with specific requirements. The package includes stock options.

**Required skills/qualifications**

You must have a strong background in maths and in cryptography (Master and/or PhD) and must demonstrate the ability to communicate complex ideas to a less maths-savvy audience. A working command of French is not mandatory.

**About Cosmian**

Cosmian is a young and ambitious software publisher started by three seasoned entrepreneurs, backed by a leading Venture Capital Fund and which has established strong ties with academic research (Paris-based École Normale Supérieure, in particular). Our ambition is to solve the Private Data paradox: how to provide Private Data Intelligence to a rapidly rising data economy without compromising privacy.

With the support of leading cryptographers, we are developing a unique approach to data protection & valorization for ecosystems handling private data. Based on state-of-the-art cryptographic techniques, the Cosmian platform enables data insights & analytics on encrypted data without revealing the underlying data but with a mathematically enforced consent. Our platform uniquely combines secure computation (functional encryption, fully-homomorphic encryption & MPC) and consent management to support various business vertical applications in B2B scenarios: financial data, health data, industrial data, geolocation, IoT...

With us, you will work on technologies that will have a strong worldwide impact in the way data is handled.
Contact
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