

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 homomorphic and functional encryption, to provide better protection of privacy. Your daily mission will include working with some of the best world cryptographers from École Normale Supérieure, understand how their latest research can be leveraged, design new implementation algorithms with Cosmian C++ 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 the full French social security and work protection benefits (CDI) as well as stock options (BSPCE).

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 preferable (but not mandatory).

About Cosmian

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 encryption (functional encryption & homomorphic encryption) and consent management to support various business vertical applications in B2B scenarios: financial data, health data, CRM, geolocation, IoT...

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

[Cosmian](#) is a young and ambitious company started by three seasoned entrepreneurs, backed by a leading VC and which has established strong ties with French academic research (École Normale Supérieure, in particular).