

## Description

The Cryptographic Software Engineer will work in the R&D digital team and will contribute to the development of innovative IP for secure products. Main activities include various technical aspects as product specification, technology survey, concept development and validation, prototyping, IP packaging and documentation drafting.

He could be also visible from customers side in relationship with Invia's marketing through market needs enquiries, technical meeting, deliveries to the customer, field support, etc.

## Qualifications

PhD Degree in Cryptography, MSc Degree in Cryptography or equivalent.

## Skills

The applicant's skills should include:

- knowledge in cryptographic protocols and algorithms (DES, AES, RSA, ECC, etc.);
- knowledge in Embedded Software Development (C/C++, Assembly);
- knowledge and experience in physical attacks (SPA, DPA, DFA, etc.);
- ability to write technical documents in English;
- creativity and ability to implement new concepts.

Knowledge in smartcard and open-source environment are a plus.

## Applying

Please send your cover letter and resume to [job@invia.fr](mailto:job@invia.fr)