Anis Bkakria

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Education and qualifications

2014–2015	**3rd PhD year**, *Telecom Bretagne, Rennes*.
2012–2015	**PhD in Computer Security and Information Security**, *Telecom Bretagne, Rennes*, formalization and deployment of security policies to protect outsourced sensitive data.
2011–2012	**Research Master' degree in "Information security and cryptography"**, *University of Limoges*, France, (First Class Honours).
2010–2011	**Master in computer sciences**, *University of Limoges*, France, A level (with Honours).
2005–2009	**Bachelor in computer science**, *Faculty of science of Gafsa*, Tunisia, A level (with Honours).
2004	**High school diploma in mathematics and sciences**, *High School Houcine Bouzayane*, Gafsa, Tunisia.

Professional experiences

2014 Internship at SAP R&D, *Karlsruhe Area*, Germany, 3 months.

We defined an algorithm and tool set allowing to specify the security policy to be applied over a relational database, and then choosing the best combination of encryption schemes that enforce the chosen security policy while providing an optimal balance between security and functionality.

2012 Internship at Lussi (Logical purposes, social science and information) department in Telecom Bretagne, *Rennes*, 6 months.

Confidentiality and privacy of outsourced data.
- Bibliographical study: Comparison of different outsourced data protection techniques.
- Improvement on an existing approach based on combination of fragmentation and encryption.

2011 Web Programming Project, *University of Limoges, France*, 2 months.

Design and implementation of a web based appointment management software for the BAI (International Reception Office).

Internship at XLIM laboratory (Secure Smart Device project), Limoges, 2 months.

Development of OPAL : an open source Java-library providing full-support of Java Card applets life cycle and smart card management

2010 Web application developer, *Archi Call Center company, Gafsa, Tunisia*, 11 months.

Skills and knowledge

Programing language	JAVA, C, C++, Visual Basic, C#, Python
Security	Web Application Security Audit, Reverse engineering
Embedded development	Smart Card, Java Card
Web development	J2EE, HTML, DHTML, Javascript, PHP, ActionScript, ASP, Hibernate
Network	IP, TCP/UDP, WIFI, VOIP, ADSL, VLANs, subnetting, switching
Database	Oracle 8i, SQL Server, MySQL, Postgresl

Languages

French : **Fluent**   English : **Advance**   Arabic : **Mothertongue**

Outside activities

Football: professional player 2006 - 2009   Chess: Amateur, elo 1800