

# IT Security Architect

**Julien  
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French citizen

## EDUCATION

- 2005 - 2007      **Master's Degree: Information Security Management**  
Dept. of Risk Management, University of Poitiers, France  
✦ *Honors: **magna cum laude**, rank 1/8*  
✦ *Projects: Voice over IP Security, State of the Art and Empirical Study  
MASSyS, Risk Assessment Method for Auditing Backup Systems*  
✦ *Activities: former editor in chief of the Department's student newspaper*
- 2001 - 2005      **Bachelor's Degree: Security and Quality in telecoms**  
University of Tours, France

## RESEARCH

- 04/2007 - Present      **Research Assistantship in Computer Security**  
University of Maryland, College Park, Maryland  
Dept. of Mechanical Engineering  
*Center for Risk and Reliability, supervised by Dr. Michel Cukier.  
The aim of this project is to study, analyze, deploy and test new techniques to improve the  
gathering of information in Honeypot networks.*  
✦ *Gather **network attacks** aimed at popular operating systems*  
✦ ***Analysis** of attack scenarios and **detection techniques***  
✦ ***Program** highly-scalable Linux software (network coding, decision processing)*  
✦ ***Specify** software engineering phases using **UML** and the **V development model***

## PROFESSIONAL EXPERIENCE

- 04/2006 - 08/2006      **Information Security Architect (intern)**  
MAAF Group (*Top 5 French insurance company*)  
***Integrating** the **Privacy Protection** (CNIL) law requirements in the **Information System**  
Development of **Dashboards** (ISO 27004) for malicious activity monitoring*
- 03/2005 - 07/2005      **System Administrator (intern)**  
Microgate (*IT Services company*)  
*Development of Open Source solutions (Mail/VPN with **PKI** and **ID management**)*
- 09/2002 - 09/2004      **System and Network Assistant Administrator**  
URSSAF (*French agency for social security system funding*)  
*Administration/Maintenance of Windows NT/2000 based networks*

## SKILLS

### General:

Languages: French (mother tongue), English (fluent)  
Excellent communication skills, autonomous, creative

### Technical:

Security: ISO-27001, Cryptography, ID management, Intrusion Detection, Metrics  
Management: Leadership, Project Management, Quality & Security Standards  
System & Network: Firewalling, VoIP, VPN, wireless 802.11, Linux/Unix tuning  
Programming: C, Perl & Bash. Unified Modeling Language (UML)

**References:** upon request