



Name: THOMAS Julien
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Engineer **Institut National des Sciences Appliquées (INSA) de Rennes, France**
 PhD Student **TELECOM Bretagne, Université de Rennes 1, France**

Work Experience

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| 2007 - 2011 | École Nationale Supérieure des Télécommunications Bretagne (Rennes) Webmaster (ESORICS'09 and SARSSI'08 conferences, FLUOR and ORBAC projects) Deployment of a usage control platform based on the European project AXMEDIS Management of the SERES team servers |
| July - August, 2007 | École Nationale Supérieure des Télécommunications Bretagne (Rennes) Deployment and management of a platform for the POLUX project: email services, tests, security (SELinux). Advisors: Frédéric Cuppens and Nora Cuppens-Boulahia |
| February to June 2007 | École Nationale Supérieure des Télécommunications Bretagne (Rennes) Five Year University Program internship - INSA internship. «Malevolence detection and reaction in ad hoc networks » Advisors: Frédéric Cuppens and Nora Cuppens-Boulahia |
| July - August, 2006 | Institut de recherche en informatique et systèmes aléatoires (Rennes) Video On Demand project: website (ASP.NET) in C#, library (C#) for DVB-T card control ; Advisor: Arnaud DUPUIS, TEXMEX team |
| 2004-2006 | Ouest INSA, Junior Entreprise (http://www.ouest-insa.fr/) SAP experience with the DessiGest project: usage and deployment 2004-2005: president : Vincent Juhel ; 2005-2006: president : Émilie Thomas |
| 2 July - 15 August, 2004 | Sofia University (Bulgaria) Multimedia platform project: databases and website for the study of foreign languages. |

Education

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| 2007 - 2011 | PhD at TELECOM Bretagne, joint-supervision with Rennes 1 University « New solutions for the management of classified contents », DGA-CNRS funding Supervisor: Frederic Cuppens, Co-Advisor: Nora Cuppens-Boulahia |
| 2006 - 2007 | Double diploma INSA Engineer – Five Year University Program With the University of Rennes 1 (option « Architecture, Systems and Networks ») |
| 2004 - 2006 | Computer sciences department, INSA Rennes Team projects (JAVA compiler, Eclipse plugin) System and computer architecture, compilers, networks Programming (Java, C++, CAML, Prolog,...), Databases (Merise method, Oracle) 4 th year: 7/56 (15,9/20), 3 rd year: 10/56 (15,4/20) |
| 2002 – 2004 | Intensive undergraduate studies to prepare entrance to the French Grande Ecole INSA Rennes 2 nd year: 70/201 (12/20), 1 st year: 32/179 (13,6/20) |
| June 2002 | General certificate of secondary education in Sciences, with honors (15,3/20), Laval |

Skills

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| Computer Sciences | Windows and Linux Operating Systems ; Programming: C/C++, Java, ASM, ASP.NET, C# Software: Eclipse, Visual Studio, Word, Excel, OpenOffice ; Networks |
| Web technologies | Programming: PHP, JSP, XML, AJAX Software : Apache, Tomcat, MySQL |
| IT Security | Server Administration ; Ciphering, firewalls ; Operating Systems: SELinux |
| Languages | English (TOEIC: 865, June 2006) ; Japanese, good level ; Hungarian, beginner |

Conferences and Publications

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| 2010 | THOMAS Julien, CUPPENS-BOULAHIA Nora, CUPPENS Frédéric. Expression and Enforcement of Confidentiality Policy in Active Databases. <i>MEDES 2010, International ACM Conference on Management of Emergent Digital EcoSystems</i> , 26 October - 29 October 2010, Bangkok, Thailand |
| 2009 | THOMAS Julien, CUPPENS-BOULAHIA Nora, CUPPENS Frédéric. Modeling and Controlling Downgrading Operations in Information Systems. <i>SITIS'09, 5th International Conference on Signal-Image Technology & Internet-based Systems</i> , 29 November - 4 December 2009, Marrakech, Morocco |
| 2008 | CUPPENS Frédéric, CUPPENS-BOULAHIA Nora, THOMAS Julien. A Robust Reputation Scheme for Group Management in mobile ad hoc networks. <i>ICISS 2008, Fourth International Conference on Information Systems Security</i> , 16-20 December 2008, JNTU, Hyderabad, India |
| | THOMAS Julien, CUPPENS Frédéric, CUPPENS-BOULAHIA Nora. Environmental Constraints Management in Digital Right Licences. <i>SARSSI 2008, 3rd Conference On Security in Network Architecture and Information Systems</i> , October 13 - 17, 2008, Loctudy, France |
| | CUPPENS Frédéric, CUPPENS-BOULAHIA Nora, THOMAS Julien. A Robust Reputation Scheme for Group Management in mobile ad hoc networks. <i>SETOP 2008, First Workshop on Security of Autonomous and Spontaneous Networks</i> , October 13 & 14, 2008, Loctudy, France |
| | THOMAS Julien, CUPPENS Frédéric, CUPPENS-BOULAHIA Nora. S-TGDH, protocole sécurisé pour la gestion de groupes dans les réseaux ad hoc. <i>REE, revue de l'électronique et de l'électricité</i> , octobre 2008 |
| 2007 | CUPPENS Frédéric, CUPPENS-BOULAHIA Nora, THOMAS Julien. S-TGDH, secure enhanced group management protocol in ad hoc networks. <i>CRiSIS'2007 : International Conference on Risks and Security of Internet and Systems, colocated with IEEE GIIS</i> , 2-5 July, Marrakech, Morocco, 2007 |

Teaching Experience

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| 2009-2010 | Institut de Formation Supérieure en Informatique et Communication (IFSIC) de Rennes Practical Work in Computer Security: SELinux Cryptography basis: RSA, AES, cyphering, cryptanalysis |
| 2008-2009 | École Nationale Supérieure des Télécommunications Bretagne (Rennes) Practical Works in Computer Security: firewall, ACL, networks, SELinux IFSIC, Rennes Practical Work in Computer Security: SELinux |
| 2007-2008 | Institut National des Sciences Appliquées (INSA) de Rennes Practical Work in C Practical Work in Java École Nationale Supérieure des Télécommunications Bretagne (Rennes) Practical Work in Computer Security: firewalls, ACL, networks, DBMS |
| 2006-2007 | INSA, Rennes Practical Work in Java |

Miscellaneous

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| 2009-2010 | RenGo Association – Rennes (http://rennes.jeudego.org/) Secretary of the association |
| 2007 - 2009 | ADER, PhD Students of TELECOM Bretagne – Rennes Association 2008-2009: President of ADER 2007-2008: Secretary of ADER (President : M. Dominique Pichon) |
| 2007 - 2008 | Nicomaque, Federation of the PhD Student Associations of Rennes President of Nicomaque |
| January 2007- | PIAFF Project (http://piaff.julienthomas.eu/) Developer for the PIAFF project, platform for filmstrip Archives |

References

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| Thesis | Professor Frédéric Cuppens (Thesis Supervisor) Télécom Bretagne, Campus de Rennes 2, rue de la Châtaigneraie 35512 Cesson Sévigné Email: frederic.cuppens@telecom-bretagne.eu |
| | Doctor Nora Cuppens-Boulahia (Thesis Co-Advisor) Télécom Bretagne, Campus de Rennes 2, rue de la Châtaigneraie 35512 Cesson Sévigné Email: nora.cuppens@telecom-bretagne.eu |