

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

Work Experience

2008-2009	École Nationale Supérieure des Télécommunications Bretagne (Rennes) Webmaster (development) of the ESORICS'09 conference (http://conferences.telecom-bretagne.eu/esorics2009) Webmaster of the ORBAC (http://www.orbac.org) and FLUOR projects Deployment of usage control platform based the European project AXMEDIS
2007-2008	École Nationale Supérieure des Télécommunications Bretagne (Rennes) Webmaster (development) of the FLUOR project (http://fluor.no-ip.fr), and the SARSSI'08 (http://sarssi2008.no-ip.fr), SETOP'08 (http://setop2008.no-ip.fr) conferences Webmaster of the ORBAC website, http://www.orbac.org Deployment 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: mails services, tests, security (SELinux). Advisors: Frédéric Cuppens and Nora Cuppens-Boulahia
February to June 2007	École Nationale Supérieure des Télécommunications Bretagne (Rennes) Postgraduate internship – INSA final internship. http://master.julienthomas.eu/ «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) VOD project: website (ASP.NET) in C#, library (C#) for DVB-T card control Advisor: Arnaud DUPUIS, TEXMEX team
2 July - 15 August, 2004	Sofia University (Bulgaria) Multimedia platform project: databases and website for the study of foreign languages.

Education

2007 - 2010	PhD at TELECOM Bretagne in co-tutelle with Rennes 1 « New solutions for the management of classified contents » DGA-CNRS fundings, FLUOR project, http://fluor.no-ip.fr http://thesis.julienthomas.eu/ Advisor: Frederic Cuppens, Co-Advisor: Nora Cuppens-Boulahia
2006 - 2007	Double diploma INSA Engineer – Postgraduate degree (1 year) With the Université de Rennes 1 (option « Architecture, Systèmes et Réseaux » / « Architecture, Systems and Networks »)
2004 - 2006	3 et 4^{èmes} year, computer sciences department, INSA of Rennes. - team projects (JAVA compiler, Eclipse plugin) - System and computer architecture, compilers, networks - Programming (Java, C++, CAML, Prolog,...) - Databases (Merise method, Oracle, PostgreSQL) 4 th year: 7/56 (15,9/20), 3 rd year: 10/56 (15,4/20)
2002 – 2004	Preparatory Program at the INSA of Rennes 2 nd year: 70/201 (12/20), 1 st year: 32/179 (13,6/20)
June 2002	High School Diploma, Sciences - mention bien (15,3/20), Laval

Skills

Computer Sciences	Operating Systems: Windows, Linux Programming: C/C++, Java, ASM, ASP.NET, C# Software: Eclipse, Visual Studio, Word, Excel, OpenOffice Networks
Security in Computer Sciences	Server Administration Cipherring, firewalls Operating Systems: SELinux
Languages	English (TOEIC: 865, June 2006) Japanese, good notions Hungarian, beginner

Publications

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, collocated with IEEE GIIS</i> , 2-5 july, Marrakech, Morocco, 2007

Teaching

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

Miscellaneous

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
2004-2006	Ouest INSA, Junior Entreprise (http://www.ouest-insa.fr/) 2004-2005: president : Vincent Juhel 2005-2006: president : Émilie Thomas
January 2007-	PIAFF Project (http://piaff.julienthomas.eu/) Developer of the PIAFF project, platform for filmstrip Archives