

Curriculum Vitae

Contact Information

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Personal Information

Age: 28

Citizenship: German

Professional Experience

- Nov 2013 – Apr 2014 Postdoctoral researcher at “Modeling and Analysis of Information Systems” group headed by Heiko Mantel at Technische Universität Darmstadt
Research in the domain of security-type systems and side-channel detection, teaching, project coordination
- Oct 2012 – Oct 2013 Contractual Ph.D. student for INRIA Saclay – Rocquencourt, team PROSECCO
Research in the domain of Security APIs
- Jun 2013 – July 2013 Six week research visit at the Computer Laboratory, University of Cambridge, with Michael J.C. Gordon
Specification and implementation of a SHA-3 based hardware-token
- Oct 2010 – Sep 2012 Contractual Ph.D. student for INRIA Saclay – Île de France
Research in the domain of Security APIs
Organisation of weekly group meeting
Member of organisation committee of IEEE CSF 2011
- Apr 2008 – Sep 2008 Tutor for core lecture Cryptography (Michael Backes)
- Oct 2007 – Mar 2008 Study about a work-flow assuring integrity of the German Federal Constitutional Court’s publication of judgements on the Internet for the faculty of Computer Law at the Saarland University, which is responsible for the Constitutional Court’s website
- Jun 2006 – Aug 2008 Network administrator in programming systems lab of Saarland University, headed by Gert Smolka

Education

- Oct 2010 – Oct 2013 **Ph.D. in Computer Science** at Laboratoire Spécification et Vérification at the École normale supérieure de Cachan
passed with distinction “très honorable”

Sep 2008 – Apr 2010	Master of Computer Science at Saarbrücker University; passed with honours and a grade of 1.1
Sep 2008 – Jan 2009	Semester abroad at University of Edinburgh in Scotland
Apr 2006 – Sep 2008	Bachelor of Computer Science at Saarland University; passed with a grade of 1.5
1998 – 2005	Diploma (Abitur) from Max-Steenbeck-Gymnasium Cottbus passed with grade of 1.0

Relevant Skills

Languages	German – native speaker English – fluent French – highly proficient
Programming	OCaml, PHP, PostScript, Java, Matlab and \LaTeX experienced in C/C++, Perl
Expert Knowledge	Network Administration with Debian Linux and Microsoft Windows Webdesign and -engineering Applications: Vim, ProVerif, Tamarin

Positions of Responsibility and Interests

2006 – 2008	Point of contact for advice and event co-ordinator in student dormitory
Jul 2005 – Mar 2006	Civil service at blood donation service of the German Red Cross in Cottbus
2002 – 2005	Basketball at BBC Cottbus Football, Skiing, Snowboarding Music (accordion, electric guitar and bass, trumpet) Literature, cinema, theatre