

# Curriculum Vitae – Joachim Schipper

## Personalia

Full name: Joachim Hendrik Schipper  
E-mail address: joachim@joachimschipper.nl

## Education

2003-May 2010 MSc and BSc in Mathematical Sciences at Utrecht University. I followed courses in algebra and algorithms.  
MSc thesis in cryptography, “Leakage-Resilient Authentication” at Centrum Wiskunde & Informatica (CWI), Amsterdam; BSc thesis in number theory.  
Jan.-May 2008 Academic exchange to Louisiana State University, USA.  
1997-2003 Christelijk Gymnasium Utrecht. Graduated with honours in “Natuur & Techniek” and French, Greek, Latin, Economics, History and Drama.

## Work experience

Jun 2012- Developer “Crypto & High Security” at Fox-IT, Delft.  
Sep. 2011-May 2012 Student intern (research in cryptography) at IST Austria, Vienna; teaching assistant for *Introduction to Modern Cryptography* (UvA), *Calculus C* (UU).  
Published “Practical Leakage-Resilient Symmetric Cryptography” (CHES 2012; with Faust and Pietrzak).  
May 2010-Sep. 2011 Junior researcher in the Cryptology group at CWI; moved to IST with my supervisor.  
Nov. 2008- Jan. 2009 Student teaching assistant *Molecular Modelling & Math* (UU).  
July-Dec. 2007 System administrator at Gridline B.V., Amsterdam. Full responsibility for a mixed Windows/Linux office network and several servers.  
2001-2006 (Irregularly) tutored high school students in Mathematics and Latin.

## Other experience

Nov. 2012 Placed first in the company league of the ACM Northwestern Europe Regional Contest (NWERC), as part of the “Fox Crypto” team  
Oct.-Nov. 2009 Participated in programming competitions, in a team of three students: the Utrechts Kampioenschap Programmeren (2nd place), the Benelux Algorithm Programming Contest (3rd place) and the ACM NWERC (bronze medal).  
Oct. 2008 Participated in the UKP (winner), the BAPC (3rd place) and the ACM NWERC.  
2003-2008 (Honored) member of the Dutch United Nations Student Association (SIB-Utrecht). Chairman of the ICT committee; (head) editor of the SIB-Link; active member of the association as a whole and the world religions working group.

## Skills

I speak Dutch natively, my English is excellent, and I can usually make myself understood in (broken) French and German.

I am proficient with a wide range of technologies (UNIX/Linux and embedded development in C or Python, some Java), in addition to my more theoretical knowledge of cryptography and algorithms.