

Curriculum Vitae - Joachim H. Schipper

Personalia

Full name: Joachim Hendrik Schipper
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Education

Sep. 2011- May 2010-Sep. 2011 Student intern (PhD level) at IST Austria, Vienna
Junior researcher, PhD student at Centrum Wiskunde & Informatica (CWI), Amsterdam; moved to IST with my supervisor

2003-May 2010 Mathematical Sciences at Utrecht University. I wrote my MSc thesis in cryptography, "Leakage-Resilient Authentication," supervised by Eike Kiltz and Krzysztof Pietrzak; Frits Beukers served as second reader.
I followed courses in algebra (Algebraic Number Theory, Algebraic Geometry, Elliptic Curves) and more computer science-inspired courses (Coding Theory, Advanced Graph Theory, Discrete Optimization).
My BSc thesis in number theory, "On the algebraicity of GKZ-hypergeometric functions defined by a (hyper)cuboid," was written under the supervision of Frits Beukers.

Jan.-May 2008 Academic exchange (via the ISEP programme) 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

Nov.-Jan. 2009 Teaching assistant *Molecular Modelling & Math* (2nd year course for Chemistry students at Utrecht University.)

July-Dec. 2007 System administrator at Gridline B.V., Amsterdam. Responsible for a mixed Windows/Linux office network and several servers.

2001-2006 (Irregularly) tutored high school students in Mathematics and Latin.

Other experience

Oct.-Nov. 2009 Participated, in a team of three students, in several programming competitions: the Utrechts Kampioenschap Programmeren (2nd place), the Benelux Algorithm Programming Contest (3rd place) and the ACM Northwestern Europe Regional Contest (bronze medal, 12th place).

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). Member and chairman of the ICT committee; editor and managing editor of the SIB-Link; active member of the association as a whole and the world religions working group in particular.

Skills

I speak Dutch natively; I have very good command of English, and can communicate in (broken) French and German.

I am highly familiar with a wide range of technologies (OpenBSD/Linux system administration, development in C or Python; some knowledge of Windows, Java and Scheme), in addition to my more theoretical knowledge of cryptography, coding theory and algorithms.

Profile

I am idealistic and ambitious. On the other hand, I love a good, highly abstract puzzle.