Sebastian R. Verschoor

Personal information

Born:	May 2, 1989, Leidschendam, The Netherlands
Email:	sebastian@zeroknowledge.me

Education

Jun 2016–Current:	**PhD** in *Computer Science (Quantum Information)*, University of Waterloo (Institute for Quantum Computing)
Sep 2013–Jan 2016:	**Master of Science** in *Information Security Technology*, Eindhoven University of Technology (Kerckhoffs Institute)

	Certificate:	Cum Laude
	Certificate:	Honours College
	Thesis:	"Secure Messaging in Mobile Environments" (Supervisors: Tanja Lange and Daniel J. Bernstein)
Sep 2009–Aug 2012:	**Bachelor of Science** in *Computing Science*, University of Groningen	
	Certificate:	Honours College
	Certificate:	Best Bachelor Project Presentation (First Runner Up)
	Award:	*Jong Talent Aanmoedigingsprijs*, Royal Holland Society of Sciences and Humanities. Award for students with the best first year results—in the field Computing Science and Technical Computing Science
	Thesis:	"Analysis of the Euclidean Feature Transform algorithm" (Supervisors: Gerard R. Renardel de Lavalette and Wim H. Hesselink)
Sep 2000–Jun 2006:	VWO Atheneum, Dalton Voorburg	

Experience

Feb 2016–Current:	Freelancer	
	Project:	OMEMO: Cryptographic Analysis, for the *Pacific Research Alignment* and *Radically Open Security*. The delivered report contained a detailed cryptographic analysis of the protocol and a brief code review.
Nov 2013–Mar 2014:	System administrator, Theaters Tilburg	
Jul 2011–Jan 2013:	Software developer, Nedtalk	
	I developed several programs for the HealthCommunicator: the front end of the vis-à-vis module; an Android application; a video hosting server; and a Phonegap website prototype.	
	Awards:	The HealthCommunicator won the Nationale Zorg Jaarprijs 2011
Sep 2010–Aug 2011:	Student assistant, University of Groningen	
	I was a tutorial teacher for the course *Program Correctness*, a lab assistant for the course *Imperative Programming* and a mentor for first-year students.	
Oct 2007–Aug 2009:	Project Manager, Crossphase	

Skills

Languages:	Dutch:	Native speaker
	English:	Fluent
	French:	Basic knowledge
	German:	Basic knowledge
Programming:		C, C++, Java, Haskell, qhasm, Prolog, bash, MATLAB, SQLite, Proverif, PVS and many more...
Tools/Platforms:		Unix, Linux, Android, Intel Haswell, Git, Subversion, LaTeX and many more...

Hobbies

Programming:	I am a big fan of Project Euler
Travelling:	I spent five months between my Bachelor and Master backpacking through Asia
Guitar:	Classical music, but also popular music
Games:	Ranging from board games to video games