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## Research Interests

Concurrency; Multicore Processors; Compiler and Low-level Parallel Program Optimization

## Education

- **New York University** New York, NY  
PhD in Computer Science 2007 - present
- **Universiteit van Amsterdam** Amsterdam, The Netherlands  
Master's Work in Mathematical Logic and Computer Architecture 2005 - 2007
- **University of Wisconsin** Madison, WI  
B.A., Computer Science and Philosophy (GPA 3.545) 1999 - 2004
- **University College Utrecht** Utrecht, The Netherlands  
Semester Abroad Spring 2004
- **Rochester Community and Technical College** Rochester, MN  
Minnesota Post Secondary High School Program 1998 - 1999
- **University of Minnesota** Rochester, MN  
Talented Youth Mathematics Program 1995 - 1997

## Experience

- **Research Intern.** with Prof. Rachid Guerraoui, EPFL, Lausanne, Switzerland. Summer 2009
- **Software Engineer Intern.** Google NYC. Summer 2007
- **Summer of Code Intern.** Google, Mozilla, Cairo. Summer 2006
- **Software Developer.** Epic Systems Corporation, Madison, WI. July 2004 - June 2005

## Teaching Experience

- Fall 2009. TA for Advanced Database Systems. New York University
- Fall 2008. TA for Distributed Systems. New York University
- Fall 2006. TA for Natural Language Processing and Compilers. Universiteit van Amsterdam

## Personal Interests

travel, playing guitar, history, modern philosophy, natural language, sustainable living / development

## Skills

**Programming Languages/APIs:** C, C++, Python, CUDA, \*nix API, Q, Java, OCaml, SQL, VB6, Perl, Web Languages, Bash,  $\LaTeX$ , Caché

**Languages:** Key: 5–Native; 4–Professionally Fluent; 3–Very Good; 2–Fair; 1–Beginner

	<b>English</b>	<b>Dutch</b>	<b>German</b>	<b>French</b>	<b>Hebrew</b>
Speaking:	5	3	2	2	1
Reading:	5	3	3	3	1
Writing:	5	3	2	2	1