

Miroslava Sotáková
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OBJECTIVE

Finding a junior, preferable java or python software development position.

SKILLS

Systems: Linux, L^AT_EX, HTML/CSS
Programming: Java, Python, Sql (Sybase IQ), Slang/SecDb
(samples: <http://artax.karlin.mff.cuni.cz/~sotam0am/download.html>)
Interests: Cryptography and Information Theory, Machine Learning
Languages: Slovak and Czech (native), English (fluent), German (passive)
Personal: Adaptable and quick learner, with strong analytic thinking and mathematical skills

PAST POSITIONS

Strategist at Goldman Sachs *November 2010 to October 2011*

- Risk-management application development (back- and front-end, QA)
- Relational databases (Sybase IQ, query-optimization, ORM use)
- Data mining, Reporting

Postdoc at SUNY Stony Brook *September 2009 to May 2010*

- Position in NSAC (Network Security and Applied Cryptography) lab, Supervisor: Radu Sion
 - Research on efficient ORAM/PIR implementations
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EDUCATION

PhD, Computer Science *October 2005 to March 2009*

Aarhus University, Denmark, GPA: 3.8 (of 4), Thesis title: On the Power of Two-Party Quantum Cryptography,
Supervisor: Louis Salvail

MSc, Mathematics *October 2000 to May 2005*

Charles University, Prague, Czech Republic, GPA: 3.96 (of 4), Thesis title: Reversible circuits of small gates,
Supervisor: Pavel Pudlák

CERTIFICATES

- Series 7 (General Securities Representative Exam) *February 2011*
 - Series 63 (Uniform Securities Agent State Law Exam) *April 2011*
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AWARDS

- Silver medal (78 %) at IMO 2000 (International Math Olympiad), Taejon, Korea
- 2nd prize (69 %) at IMC 2001 (International Math Competition), Prague, Czech Republic
- 2nd prize (61 %) at IMC 2002, Warsaw, Poland
- 6th place (81 %) at Vojtech Jarnik International Math Competition 2002, Ostrava, Czech Republic