

Marcin Krzysztof Szczodrak

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- EDUCATION** Student of the Ph.D. Program in Computer Science.
The Graduate Center, City University of New York, New York, NY 2007-present
- Master of Science**, Computer Science
The Graduate Center (CUNY), New York, NY 06/2009 (expected)
- Bachelor of Science**, Computer Information Systems, *Summa Cum Laude*
John Jay College of Criminal Justice (CUNY), New York, NY 06/2007
Minor: Mathematics
GPA: 3.932/4.0 and 4.0/4.0 in major.
- AWARDS**
- Science Fellowship, Graduate Center (CUNY). 2007-2009
 - Tuition Fellowship, Graduate Center (CUNY). 2007-2012
 - Undergraduate Research Incentive Scholarship, John Jay College. 2007
 - Young Scholars, John Jay College. 2007
 - The Ruth S. Lefkowitz Mathematics Award, John Jay College. 2007
 - Polish and Slavic Federal Credit Union Scholarship. 2006-2007
 - Polish Student Organization Scholarship. 2006-2007
 - John Jay College Dean's List. 2005-2007
 - Achievement in Russian Studies and Culture. 2006
 - NYC Merit Scholarship. 2004-2007
- COMPUTER SKILLS** Operating Systems: Microsoft Windows, Linux, Unix, BSD, TinyOS, Cisco IOS.
Programming Languages: C/C++, C#, nesC, Perl, Ruby, Python, Haskell, Bash.
Applications: MS Office, Apache, Qmail, Bind, Squid, MySQL, Zope, Plone.
Other: HTML, Rails, Flash, SQL, L^AT_EX, Designing Networks, Firewalls, and Databases.
- LANGUAGES** Polish, English, Russian, German.
- EXPERIENCE** International Technology Alliance in Network and Information Sciences 2007-present
Researcher for Project 7: Quality of Information of Sensor Data
Researcher in CUNY Research Foundation Summer 2008
System and Network Administrator for small business networks. 2004-present
Contractor working with concrete and metal structures. 2000-2005
- EXTRA-CURRICULAR ACTIVITIES** 2006 to present member of IEEE, ACM, NYLUG, NYCWireless.
2005 to present member of Polish Student Organization in New York.
- Organizing Studia4U - open meetings for people planning to attend college.
- Since 05/2008 on Board of Directors.
1992 to 2002 Team Handball player in Palac Mlodziezy, Tarnow, Poland.
1998 to 2002 president of student chapter of Polish Red Cross.
- REFERENCES** Available upon request.

PUBLICATIONS

2008

Tiered Architecture for On-line Detection, Isolation, and Repair of Faults in Wireless Sensor Networks

Sadaf Zahedi, Marcin Szczodrak, Ping Ji, Dinkar Mylaraswamy, Mani Srivastava, Robert Young.

MILCOM, San Diego, CA, November 17-19, 2008

Simulation Framework for QoI Characterization of Sensor Networks in the Presence of Faults

Marcin Szczodrak, Sadaf Zahedi, Ping Ji, Dinkar Mylaraswamy, Mani Srivastava, Robert Young.

The Second Annual Conference of the International Technology Alliance, Imperial College London, UK, September 16-18, 2008

A Multivariate Model for Data Cleansing in Sensor Networks

Ping Ji, Marcin Szczodrak.

The Second Annual Conference of the International Technology Alliance, Imperial College London, UK, September 16-18, 2008

Two-Tier Framework for Sensor Fault Characterization in Sensor Networks

Sadaf Zahedi, Marcin Szczodrak, Ping Ji, Dinkar Mylaraswamy, Mani Srivastava, Robert Young.

The Second Annual Conference of the International Technology Alliance, Imperial College London, UK, September 16-18, 2008

2007

Two-Level ZigBee-4G Design for Secure and Efficient Communications in the Resources Constrained Military Environment

Marcin Szczodrak, Jinwoo Kim, Yuncheol Baek.

International Journal of Computer Science and Network Security, VOL.7 No.10, October 2007

4G and MANET, Wireless Network of Future Battlefield

Marcin Szczodrak, Jinwoo Kim.

Proceedings of the 2007 International Conference on Security & Management, Las Vegas, Nevada, USA, June 25-28, 2007.

4GM@4GW: Implementing 4G in the Military Mobile Ad-Hoc Network Environment

Marcin Szczodrak, Jinwoo Kim, Yuncheol Baek.

International Journal of Computer Science and Network Security, VOL.7 No.4, April 2007