

Amin Nahvi

Körsbärsvägen 4C – 1013, 114 23 Stockholm, Sweden

Tel: +46704606761, E-mail: nahvi@kth.se

Date of Birth: 1982-05-18

Education

- 2007-2009:** **MSc in Network Services and Systems**
School of Electrical Engineering
KTH, Royal Institute of Technology
Stockholm, Sweden
- 2001-2007:** **BSc in Computer Engineering**
IAUN, Islamic Azad University of Najafabad
Esfahan, Iran

Research Interests

- Nano communication networks and wireless nanosensors
- Wireless sensor networks
- Cognitive radio

Publication

- A. Nahvi, V. Fodor, I. Glaropoulos
Performance of deterministic local sensing aggregation under interference
International Conference on Cognitive Radio Oriented Wireless Networks and Communications (CrownCom 2010), Cannes, France, June 2010.

Selected Projects

- Cooperative Spectrum Sensing in Wireless Sensor Networks**
Designing a wireless sensor network and implementing the protocol stack dedicated to cooperative spectrum sensing in order to assist the cognitive radio operations of the secondary users. MSc Thesis, Oct 2009
- Algorithms for Distributed Hashtables**
Implementing and analyzing three different protocols for distributed hashtables in peer-to-peer systems: Chord, Chord# and Kademia. Dec 2008
- Continuous Monitoring of Networked Systems Using Tree-based and Gossip-based Protocols**
Implementing and comparing two different types of protocols for monitoring aggregates in large networked systems. Nov 2008
- Distributed Real-time Monitoring with Controllable Accuracy**
Implementing Generic Aggregation Protocol (GAP) which provides continuous estimation of network variables and computes the aggregate of these variables in a distributed manner. Oct 2008
- Basic projects in TinyOS with nesC on Tmote Sky platform for WSNs**
May 2008
- Various simulation projects with OPNET simulator** Spring 2008

Work Experience

- 2005-2006:** Internship/ Network management and design
Jolfa Co., Esfahan, Iran
- 2006-2007:** Part time tutor/ Computer Networks
Esfahan, Iran

Computer and Language Skills

- Simulation tools:** OPNET, NS-2 (NS-MIRACLE)
Programming: C++, Java, OTCL
- English:** Fluent, TOEFL score 597 PBT
Swedish: Familiar
Persian: Native

Certificates

- CCNA 4:** **Cisco systems networking academy, KTH-Haninge
Stockholm, Sweden**
WAN Technologies
- CCNA 3:** **Cisco systems networking academy, KTH-Haninge
Stockholm, Sweden**
Switching basics and intermediate routing
- CCNA 2:** **Cisco systems networking academy, KTH-Haninge
Stockholm, Sweden**
Router and routing basics
- CCNA 1:** **Cisco systems networking academy, KTH-Haninge
Stockholm, Sweden**
Networking basics
- Network+:** **Metaco Inc.
Esfahan, Iran**
- Linux Fundamental:** **Sharif IT University
Tehran, Iran**

References

Viktoria Fodor, Associate Professor (my thesis supervisor)
Laboratory of Communication Networks
KTH, Royal Institute of Technology
Stockholm, Sweden
Tel: +46-8-7904268
Fax: +46-8-7904268
E-mail: vfodor@s3.kth.se

Thomas Lindh, Associate Professor
Co-director of Master program "Network Services and Systems"
KTH, Royal Institute of Technology
Tel: +46-8-7909748
Fax: +46-8-7904800
E-mail: Thomas.Lindh@syd.kth.se

Magnus Brenning, Assistant Professor
Responsible for Cisco Networking Academy at KTH-Haninge
Tel: +46-8-7904843
E-mail: magnus.brenning@sth.kth.se