

Ali Zand

Address

Engineering I (Harold Frank Hall), Room #2114 (Computer Security Lab)
University of California, Santa Barbara
Santa Barbara, CA 93106-5110, USA

RESEARCH OBJECTIVE

Researching on practical computer security solutions.

EDUCATION

Computer Engineering and IT Department, Amirkabir University of Technology, Tehran, Iran
Bachelor of Science, Computer Engineering, 2000-2004
Title of Thesis: A Pattern Detection System for LAN Data Packets; A Framework for IDSes
G.P.A. 3.65/4.0

Computer Engineering and IT Department, Amirkabir University of Technology, Tehran, Iran
Master of Science, Information Security, 2004-2006
Title of Thesis: A Survivable Approach for Distributed Intrusion Detection Systems, Using a Voting Scheme
G.P.A. 3.81/4.0

Computer Science Department, University of California, Santa Barbara, CA
Ph.D., Computer Security, 2009-Present
G.P.A. 4.0/4.0

RESEARCH INTERESTS

Anomaly-Based Intrusion Detection
Attack/Compromise Tolerance
Botnet Detection

TEACHING EXPERIENCE

2004-2005: Teaching Assistant in Communication Networks, Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

2004-2005: Lecturer of Electronic Lab., Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

2005-2006: Lecturer of Penetration Testing Workshop in Network Security Course, Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

2006-2007: Teaching Assistant in Network Security, Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

2007-2008: Lecturer of Penetration Testing Workshop in Fundamentals of Information Security, Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

2007-2008: Teaching Assistant in Cryptology Course, Computer Engineering and IT Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran.

Fall 2009: Teaching Assistant in Computer Security and Privacy Course, Computer Science Department, University of California, Santa Barbara, CA.

Technical Skills

- Linux/BSD/Windows Application/Network Programming
- Windows Driver Programming
- Penetration Testing

Awards and Honors

- Ranked as the Second Top BSc Student in Computer Engineering, Amirkabir University of Technology, 2004.
- Ranked as the Top IT MSc Student, Amirkabir University of Technology, 2007.
- Ranked as the Second Top MSc Student in IT and Computer Engineering, Amirkabir University of Technology, 2007.
- Ranked First in Iranian National University Entrance Exam for IT Graduate Studies, 2004.

Work Experience

- Management of Saman Bank IT Security Team, www.sb24.com, 2008-2009.
- Security Consultant, Pars Pioneer Processing Co. Ltd., www.parspioneer.com, 2008-2009.