

Ahmad Haghghi

Curriculum Vitae

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in [AhmadHaghghi](#)

July 1991



Education

- 2013-2016 **MS, Secure Communications, Yazd University.**
supervisor: Dr. Kiarash Mizanian.
thesis: **Defending against Denial of Service (DoS) attacks in MANETs by improving routing.**
score: thesis: 20/20, overall gpa: 18.78/20
papers: 3 published paper (ISI, IEEE, ISC).
- 2009-2013 **BS, Information Technology, University of Birjand.**
thesis: **SQL Injection vulnerability scanner.**
gpa: 17.92/20

Experience

- 2015-Now **APK-Group, Network Security Specialist, GNU/Linux sysadmin, Tehran, Iran.**
APK-SIEM senior back-end developer.
Correlation Engine optimizer.
GNU/Linux Sysadmin.
Troubleshooter.
- 2016-Now **Fedora Project, Ambassador, Contributor.**
- 2014-2016 **Network Security Lab, Researcher, Yazd University.**
Secure Routing in MANETs, Defending against DoS (Blackhole & Grayhole) attacks, IPsec, SSL implementation, Database security.
- 2013-2014 **APK-Group, UTM Developer (R&D), Yazd, Iran.**
Optimizing Snort IDS, Troubleshooting, developing packages for GNU/Linux, developing Accounting system.
- 2004-2013 **Freelancer, Web application developer.**
2006-2013 Front-end developer, JavaScript, CSS, HTML, jQuery.
2006-2013 Joomla, WordPress.
2004-2012 C# developer(forsaken).
2004-2012 APK.NET web application developer(forsaken).

Papers

ISI - 2016 **Improved MCBDS for defending against gray hole and black hole attacks in MANETs**, *Advances in Science and Technology Research Journal*, ISSN 2299-8624, Vol. 10, No. 30.

link See publication

IEEE - 2015 **Modified CBDS for defending against collaborative attacks by malicious nodes in MANETs**, *2nd International Conference on Knowledge-Based Engineering and Innovation, Iran, Tehran, Iran University of Science and Technology*.

link See publication

ISC - 2015 **Providing a new method to deal with the Byzantine attack in intrusion detection system with dynamic hierarchy in MANETs**, *2nd National Conference on Applied Research in Computer & Information Technology, Iran, Tehran, Tehran University*.

link See publication

Technical Experience

languages C, C++, Python, Bash, PHP, C#(forsaken)

GNU/Linux Started by *Red Hat Linux* in 2002 (as hobby). Using GNU/Linux in personal and professional life since 2012.

technologies Elasticsearch, Kibana, FileBeat, MySQL, Yet Another Flowmeter (YAF), System for Internet-Level Knowledge (SiLK), Snort, Suricata, OWASP, GitLab Community Edition (CE), SQLite, L^AT_EX, Bash Scripting, Git, Vim, OpenLDAP, Libre Office, GIMP, CCNA, MongoDB, httpd, Radius

have experience GoLang, JAVA, Node.js, FreeBSD, Apache Spark, Apache Hadoop, OpenVAS, Acunetix, MATLAB(forsaken), IIS(forsaken), MS SQL Server(forsaken)

Teaching and Presentations

- GNU/Linux, private tutor
- Python, private tutor
- **Computers Network** in Yazd University (TA for 2 semester)
- C++ in University of Birjand (TA for 4 semester)

Presentations

- **An Introduction to SOC**, APK-Group
- **Open LDAP vs. Active Directory**, Yazd University
- **IPv6**, University of Birjand
- **Game Design**, University of Birjand
- **Persian Handwriting Recognition**, University of Birjand

Languages

Persian **Native language.**

English **Professional working proficiency.**

Interests

- LibrePlanet, Free Software, GNU project, FLOSS.
- Team working.
- Privacy.
- E-Health.

"Open source is a development methodology; free software is a social movement."

Latest edit: April 18, 2018.

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