

Shahab Shawn Sheikhzadeh

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SUMMARY

- Bachelors of Art in Applied Communication with minor in Information Technology
- 8+ years administering Windows Server 2008 R2, 2012, 2016 & Linux environments
- SAGE Advanced Admin with focus on Windows, Linux, high level architecture

EXPERIENCE

Vultr Holdings, LLC - Cliffwood, New Jersey (June, 2016 – Present)

▪ System Administrator & Security Researcher

- Support customer-facing systems, management of 14,000 servers in global infrastructure
- Administer & support following software stacks: Qemu-KVM, libvirt, Ceph, LAMP, LEMP, Sendmail, Postfix, PowerDNS, Wordpress
- OS deployment & support: CentOS 6-7, Debian 7-8, Ubuntu, Windows Server 2012-2016
- Automation & Configuration Management: Ansible, Ansible Tower, Chef & Puppet
- Implementation of: Linux coreutils, USE methodology, logging, troubleshooting using strace
- Responsible for creating & implementing GDPR compliance; documentation of attack surfaces

darksim905.com - Bridgewater, New Jersey (September, 2014 – Present)

▪ System Administrator, Security Researcher, Lock Enthusiast

- Lock design featured on Bosnian Bill's LockLab
- Research: Social engineering, pentesting, Kali, SecurityOnion, Network Security Toolkit
- Physical Security Research: electronic locks, locksmith software vulnerabilities, 3D printing, key design, lockpick tool design, bypass techniques
- Contributor to the Sysadmin Body of Knowledge - <http://sabok.org>

HCT Packaging, Inc. – Bridgewater, New Jersey (October, 2011 – September, 2015)

▪ System Administrator

- Implemented Powershell & PDQ Software for software deployments, reporting & automation
- Reduced network latency by 25% by adding AdTran switches to sites
- Managed 20+ mix of 2008 R2 & 2012 servers along with 150+ Windows 7
- Implemented wiki system creating a repository for team knowledge transfer
- Installed UniFi Ubiquiti Access Points, Improved Wireless Performance by 200%
- Increased team knowledge by attending industry conferences & disseminating knowledge

Additional Experience Available on Request

CERTIFICATIONS

MCITP: Server Administrator (successor to MCSA)

MCITP: Enterprise Desktop Administrator 7 (successor to MCDST)

MCTS: Microsoft Exchange 2010

Linux Professional Institute: LPIC-1

Cisco: CCNA

MEDIA & SPEAKING ENGAGEMENTS

LockFest 2015 – Seattle, WA (November, 2015)

- **“TSA Keys & Government Backdoors”**
- <https://www.youtube.com/watch?v=7kJnGZlirpl>
- Quoted: The Intercept & WIRED: Lockpickers 3-D print TSA Master luggage keys from leaked photos
- Press on TSA keys research: <http://darksim905.com/tsakeys.php>

Hackers on Planet Earth (HOPE) 11 – New York City, NY (July, 2016)

- **“TSA Keys Leak: Gov’t Backdoors & Dangers of Security Theater”**
- <https://www.youtube.com/watch?v=mSWbHGMAT0I>
- CAD designed & released files for a SafeSkies patented keyway

Temple University – Philadelphia, PA (October, 2017)

- **“Beyond Locksport: Physical Security, OPSEC & You”**
- Guest Speaker to Dr. Aunshul Rege’s class on Criminal Justice, CJ-3007
- Spoke on importance of observation, circumventing security controls & improving OPSEC/PERSEC
- Demonstrated physical security tools used to exploit common lock installation oversights

EDUCATION

Monmouth University of New Jersey (January, 2010)

Bachelor of Arts in Communication, concentration in Applied Communication

Minor in Information Technology

ORGANIZATIONS

The Open Organization of Lockpickers (TOOOL) New Jersey - (January, 2014 – Present)

- **Founder**
- Primary Instructor on physical security theory, application & defeat along with providing resources & classes on CPTED concepts & locksmith methods
- Advise others on physical security, asset security & locksmith basics
- Countermeasures: Bypass/Forced Entry Methods
- Locksmith Apprentice - Repair locks by replacing springs, pins & tailpieces

Manning Publications – (October, 2015 – Present)

- **Book Reviewer, System Administrator SME**
- Subject Matter Expert providing guidance on books & system administrator training materials

Central New Jersey InfoSec – (August, 2016 – Present)

- **Founder**
- Instructor on System Administration concepts, Site Reliability Engineering (SRE) & pentesting
- Responsible for vetting speakers on creating security plans, roundtable scenarios & mentorship
- Creating training materials to assist in growing the InfoSec community by recording talks
- Creating a CTF lab for members to grow knowledge & acquire CISSP, OSCP & other certifications

OPSEC Professionals Association (OSPA) – (March, 2017 – Present)

- **Member in Good Standing**
- Aided in creating security plan for victims of domestic violence in accordance with CPTED standards
- Aided in creating personal security plan with OPSEC as core value to aid in user survival
- Audited various field manuals & technical documentation to assist with creating a security plan