ISMAIL GUNEYDAS

Red Team, IoT/Embedded System Security Expert

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📍 Dallas/Fort Worth Area

EXPERIENCE

Information Security Lead

Tesla

📅 2019   📍 Location

My main responsibility is to build and own information security advisory and assurance services. This position requires to build a strategic vision of IT advisory services and actively engage leaders of the organization and build a trusted advisor relationship with the leaders and their teams. Responsibilities include, but are not limited to:

► Risk assessment

► Product security design consulting, reviews and penetration testing

► Infrastructure security design consulting, reviews and penetration testing

► Vendor security assessments

► Manufacturing environment architecture consulting, reviews and penetration testing

► Red team operations to assess Tesla's end to end security posture

• What did you achieve in this role?

Vulnerability Management, Red Team

Kimberly Clark

📅 2014 - 2019   📍 Dallas Fort Worth

► Built and manage first vulnerability management and red team programs of global consumer products manufacturer with $55 billion of market cap .

► Deployed and configured penetration testing tools (Kali Linux, Metasploit, Cobalt Strike, etc)

► Partnered with a 12 Billion dollars business unit to perform the company's first ever pentest on a new IoT product prior to product launch.

► Partnered with Internal Audit department and performed the company's first ever control system penetration test.

► Invented a social engineering tool that help the cyber security team to assess social engineering risks easier and remediate them quicker - patent pending.

► Reduced critical OS vulnerabilities by 95% over 3 year period with a vulnerability management program.

► Continuous 40% reduction in application vulnerabilities year over year.

► Received IDEA Award ITS Honorable Mention Awards for the innovative work I did in red team field.

ACHIEVEMENTS

💎 IoT and Embedded Device Cyber Security Expert

► Speak at IoT and ICS conferences regularly. Holds CISSP, GPEN, CEH

► Partnered with Internal Audit department and performed the company's first ever control systems penetration test.

► Partnered with a 12 Billion dollars business unit to perform the company's first ever pentest on a new IoT product prior to product launch.

💎 Achieved cost reductions

Implemented security programs that helped my employers to save money and have a better cyber security:

► Digital Forensics Program at Yahoo!: $2.25M annual saving

► Vulnerability Management Program at K-C: $1.2M annual saving

► Digital Forensics Program at K-C: $1.1M annual saving

► Vulnerability Management Program at Rackspace: $1M annual saving

💎 Yahoo! Hackovation Award

Hackovation is an award program that recognizes people for their innovative ideas and intelligent risk taking. I received this award after an successful operation I lead that helped the biggest take down in Internet history against fake antivirus websites.

💎 ITS Honorable Mention Award

Won the award (in the innovation category) "A Step Change in K-C Security" by increasing K-C data protection through improved vulnerability scans and threat detection as well as increased ITS security talent and security awareness.

EXPERIENCE

Adjunct Professor

Texas A&M University-Commerce

📅 2015 - Ongoing   📍 Commerce, TX

►Develop and maintain curriculum for cyber security courses
►Recruit students for the track and promote information security classes among to the students.

Digital Forensics-Incident Response Lead

Yahoo!

📅 2013 - 2014   📍 Dallas Fort Worth

►Built Digital Forensics team and managed incident response @ Yahoo!. Annual saving was $2.25M
►Created comprehensive computer forensic investigation function that enables to acquire, collect, document, and preserve evidence from various forms of electronic media and equipment.

e-Crime Investigations Lead

Yahoo!

📅 2011 - 2013   📍 Dallas Fort Worth

►Built and led e-Crime Investigations&Intelligence team focusing on intelligence collection and presentation, actor attribution, and a variety of disruption and enforcement activities around the world.
►Identified, analyzed and remediated significant internal and external cyber crimes across the company including fraud, phishing, user and system compromises
►Managed issues resulting from investigation, work collaboratively with technical and business leads to follow up accordingly to security incident management procedures and processes, and assist in development and resolution of daily reports
►Conducted highly-confidential internal investigations into violations of Acceptable Use Policies and other activities
►Provided education to existing staff on the emerging trends of security operations methodology, information security concepts, security analysis and monitoring
►Received Y! excellence, Hackovation awards for cyber security innovations

PROJECTS

Operation Sunrise

📅 2011 - 2013

An investigation I led that identifyied non-authorized Yahoo! customer service sites and result was the biggest take down in the Internet history for fake customer care websites. I partnered with Facebook, Google, Microsoft, and e-Bay

Code Name Istanbul

📅 2014 - 2016

Created a unique USB Baiting technology that increased effectiveness of social engineering exercise by 47% (Patent pending)

CERTIFICATES

GICSP

Global Industrial Cyber Security Professional

CISSP

(ISC)², License 390682

GIAC Certified Pentester

GIAC, License 10677

GIAC Certified Forensic Analyst

GIAC, License 8734

GIAC Certified Incident Handler

GIAC, License 21064

GIAC Certified Intrusion Analyst

GIAC, License 9845

Certificate of Cloud Security Knowledge

Cloud Security Alliance, License 538608704091

Certfied Ethical Hacker

EC-Council Academy

Certfied Hacking Forensic Investigator

EC-Council Academy

EXPERIENCE

Senior Security Engineer / Penetration Tester
Rackspace

📅 2009 - 2011   📍 San Antonio

►Built and run internal vulnerability management program. Saved $1M thanks to the program in its first year.
►Coordinated the implementation of security processes/systems and incident response activities
►Developed, tested and deployed security policies for all aspect of computer and network security based on ISO 27001 Certification model
►Designed and managed the company's first information security metrics program. Identified missing/weak functions in information security services and help building/improving them
►Assisted clients during audits of data centers to pass their audits.
►Evaluated products from potential vendor partners. Advised senior management regarding technical merits of new products.
►Built and administered the company's first internal security website, and database. Wrote security newsletters, and reports to create security awareness among employees.

Research Assistant
Southern Illinois University

📅 2007 - 2008   📍 Illinois

► Tutored courses in Java programming, computer literacy and mobile computing
►Prepared and conducts weekly four-hour lab sessions to Computer Science undergraduates
►Engaged in meetings and discussions with instructors on course material and student performance
►Graded programming assignments and homework exercises
►Assisted students during regular office hours

EDUCATION

MBA
University of Texas at Dallas

📅 01/2012 - 12/2015

M.S. in Computer Science
Southern Illinois University

📅 08/2007 - 12/2008

B.S. in Mathematics Engineering
University of Miami/Istanbul Technical University

📅 09/2003 - 08/2007

CERTIFICATES

Certificate Name
Which institution issued the certificate and when?

EDUCATION

B.S. in Electronics Engineering
Istanbul Technical University

📅 09/2001 - 06/2006