THOMAS G. HASTINGS

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RECENT WORK EXPERIENCE IN CLOUD SECURITY & ANALYSIS

Charter Communications d.b.a. **Spectrum – Offensive Security**   March 2017 to August 2017
Led Attack & Penetration Testing a.k.a. "Ethical Hacking" team with Spectrum's Offensive Security group. Extensive use of Open Source penetration testing tools, based out of a Kali VM on a Windows 7 box. Scripted, modified, and made heavy use of OpenVAS. Metasploited my way around the networks of 3 legacy companies. Used Qualys too. Worked both days and nights following office and testing procedure. Consistently supplemented primary duties to fight fires or find quick answers in an ancillary incident response role, aiding Cyber Attack & Defense. Crunched numbers and presented them in meetings big and small. Wrote PowerShell scripts. Leveraged ServiceNow for metrics and reporting. Brought company IT security practice and policy toward PCI and NIST compliance.

CenturyLink Cloud: CTL.io – Cloud Application Analyst   June 2016 to February 2017
Troubleshot issues related to Linux web hosting, Microsoft Office 365, CloudFax, and Symantec antivirus. Work with DNS, Wordpress, Site builder, Odin (Parallels), GoMobi, Microsoft Office 365 and Microsoft Exchange. Work on Linux Apache and Windows based servers, allocating webspace, webmail and other web hosting needs. Case documentation and escalation for incidents and requests in a timely and efficient manner. Business application support, cloud applications and web hosting support. Utilized the BMC Remedy ticketing system for reporting.

Prindiville & Associates – Licensed Private Investigator   April 2016 *to present*
Expanding business offering into online investigation. Combining experience to perform digital forensics, open source intelligence, and electronic and physical surveillance. Drafting investigative documents such as profiles, dossiers, and evidence packets. Using software like Maltego and CaseFile for graphing, visualization, data mining, reporting, and analysis. Applying targeted research and creative thinking with tenacious diligence to generate leads, and report findings. Licensed Private Investigator in the state of Missouri, specializing in OSINT.

ScoutSwarm.com – Open-Source Intelligence Analyst   May to August 2015
Performed and wrote reports on research of cybercriminal activity on the Deep Web, such as identifying Darknet markets. This intelligence was then built into Scout Swarm's analysis engine and feed product, now GroupSense.io.

Express Scripts Incorporated – IT Security Analyst   September to October 2014
Worked on two teams, one focused on managing threats to and vulnerabilities in the network, such as automating Qualys scans, and another team on digital forensics and incident response, including managing logs with LogLogic.

Packt Publishing – Technical Reviewer   August to September 2013
Performed technical content review and English grammatical editing for the book Instant Kali Linux by Abhinav Singh, published by Packt Publishing Ltd.

St. Louis University – Advanced Technology Group Security Admin August 2011 to August 2013
Conducted vulnerability assessments of university IT infrastructure, performed Linux admin for their HPC cluster, and wrote Linux security & utility scripts in Bash, Python, Perl, and other programming languages, even Fortran.

Open Jar Foundation – Typographer and Editor   November 2007 to Febuary 2008
Digitized and edited The Magaziner-Maxwell Report (a.k.a. "Draft of a Working Paper for Education at Brown University") by Ira Magaziner, Elliot Maxwell, et al.

ACADEMIC & TECHNICAL PUBLICATIONS

Spear-phishing, PDF and Countermeasures – *PenTest Magazine*   Extra Issue 07 – 2012
co-authored with Martha Bakken and Kristine Ivarsoy

Hacking that Feels "Fun" – *PenTest Magazine*   Starter Kit Issue 01 – 2011
earliest known press for Armitage hacking tool

Open Translation Tools – *FLOSS Manuals*   June 2009
co-authored with 32 other authors during a "Book Sprint"
primary author of chapter on Intellectual Property
secondary author of chapters on Machine Translation

COLLEGIATE LEVEL EDUCATION EXPERIENCE

Saint Louis University   January 2011 to December 2013
Relevant coursework in Computer Science, Computer Security, and Information Security Systems Management.

Washington University in Saint Louis   August 2010 to December 2010
Studied astrobiology under Selby Cull. Astrobiology is the study of life in the universe. Adult evening program.

Eugene Lang College The New School for Liberal Arts   August 2007 to May 2008
Studied education and philosophy under James Dodd. Studied Game Design under Nicholas Fortugno.

SAMPLE OF TECHNICAL SKILLS

Programming Languages: HTML, Linux Bash, Windows Batch, Python, Perl, Java, C++, C, git for version control
Linux Distributions: Kali Linux (penetration testing), Debian, Ubuntu, RedHat, Fedora, CentOS, Rocks (clusters)
Security Software: Tripwire, Shorewall, Fail2ban, Psad, IPtables, ClamAV, chkrootkit, various antivirus clients
Intrusion Detection Systems: Security Onion, Snorby, Snort, Suricata, Sagan, PFsense, Tripwire, Bro scripting
Vulnerability Analysis: Wireshark, Qualys, Nessus, Nexpose, Nmap, Nikto, Armitage, Cobalt Strike, et al.
Web Hosting: LAMP (Linux+Apache+MySQL+PHP), Nginx, Lighttpd, SQLite and other databases
Microsoft Office: Visio, Word, Excel, Outlook, PowerPoint, and Open Source option LibreOffice

Dell Certified Systems Expert *D.C.S.E. #519346*

Offensive Security Kali Linux *Challenge Coin #088*

FULL–TIME VOLUNTEER WORK

City Year Los Angeles   August 2008 – September 2009
Full-time volunteer on a team of ten AmeriCorps members in piloting a service model for middle school students, which consisted of in-class and after-school tutoring. Planned weekly lessons and activities for lunchtime and after-school enrichment. Led a team of twelve middle school students through a rigorous six months of community service through a Saturday youth leadership program. Led my team's visitors program, and represented City Year as an ambassador to external corporations and nonprofits at special events such as a gala at the Drucker Institute.