Cyber Security Specialist Cyber Security Specialist Network Security Analyst Lancaster, PA Highly creative solutions developer and cyber security specialist seeking a technical position in either a development or network security role. Currently hold an inactive but renewable DoD TS/SCI clearance. Authorized to work in the US for any employer Work Experience Cyber Security Specialist WraySec, LLC - York, PA September 2015 to Present ? Implement company vision and ensure effective internal communication. ? Lead technical efforts on security engineering, intrusion detection, incident response, penetration testing, vulnerability assessment, red teaming, and cyber exercises. ? Perform testing and quality assurance on various cyber tools and applications. ? Interview, manage, and assess company employees and contractors. ? Development of a large scale cyber exercise and competition platform. This product allows individuals or teams to compete, learn, and solve cyber challenges. Product integrates cloud-based technologies and virtual machines. Written in PHP and JavaScript. ? Management and administration of large-scale cyber exercises and competitions, utilizing above proprietary platform. Network Security Analyst ICF International - Aberdeen, MD July 2010 to September 2017 ? Development of an enterprise search application, towards parsing many terabytes of network traffic data. This tool outperformed previous solutions by several magnitudes, through the use of efficient search algorithms, combined with a distributed computing solution. Effort led to dramatically decreased search times in discovering critical network intrusions. Application written in Perl and Python. ? Development of a suite of intrusion detection tools, to include features such as machine learning in detecting anomalous network traffic, and data retrieval in an automated fashion from open source intelligence. This tool suite reduced man hours significantly in a 24/7 operation. Written in Perl and PHP. ? Creation of a proprietary, distributed monitoring solution for hundreds of remote servers. This solution was required due to strict regulations on the utilization of external and open source software. Servers were polled in a multi-threaded fashion in order to retrieve vital statistics, with a live output screen. Detection and reporting of server issues was drastically reduced after the implementation of this solution. ? Training of network security analysts in advanced techniques for analysis, data retrieval, and anomaly detection. ? Participation in publication of technical documents and research papers

on cyber security topics. IT Consultant Self Employed - Lancaster, PA February 2002 to September 2015 ? Provided numerous services, including Tech Support, Troubleshooting, Data Recovery, System Deployment, Network Engineering, Security Posturing, System Assembly, and Malware Removal. ? Implemented various technologies, including Active Directory, Corporate Antivirus, Proxy Servers, Secure Remote Access, Patch Servers, Unified Threat Management Systems (UTM), Virtual Private Networks (VPN), and Wireless Access. ? Developed and deployed critical automation for maintenance tasks, such as, operating system updates, application updates, tuning of hard disks, system configuration, default user settings, and backups. ? Established statistical monitoring of server and network health using custom scripts, built in tools, and third party software programs to predict and prevent future system failures. ? Provided redundant backup systems for critical data using RAID, External Storage, and Offsite Backups. ? Planned and executed enterprise migrations, from products including Windows 2000 through Windows 2012. ? Adjunct Instructor at CCBC Essex for two semesters, teaching TCP/IP and Advanced Protocols. Remedy Administrator ITT Industries - Kuwait City January 2004 to January 2005 ? Developed and oversaw the outage tracking and trouble ticking system for the Army s regional communications. ? Assisted Remedy Developers with interface design, troubleshooting workflows, reports, and maintaining the Remedy systems. ? Developed Remedy help desk application to be used on a distributed scale in Iraq for dozens of sites. Application was successfully implemented, with over 6000 new tickets being generated monthly. User interface greatly improved over former application. ? Additional technologies used, included Solaris UNIX, Spectrum, Netview, SiteScope, Perl, HTML, and Javascript. ? Worked with database and web development teams on integration of real-time outage data. Education AS in Computer Science CHI Institute - Broomall, PA 2002 Skills Network Security (10+ years), Cyber Security (10+ years), Application Development (10+ years), PHP (4 years), Perl (7 years), Javascript (3 years), System Administration (10+ years), Web Development (8 years), Python (3 years), Linux (10+ years), Windows (10+ years), Documentation (10+ years), Quality Assurance (7 years), Security (10+ years), HTML (10+ years), CSS (5 years), CSS3 (2 years), JQuery (3 years), MySQL (5 years), Networking (10+ years), Technical Writing (7 years),

Information Security (10+ years), Cybersecurity (10+ years), Comptia (10+ years), Machine Learning (5 years), NOC (10+ years) Awards 2012 Global Cyberlympics - Runner-up, World Finals Championship (Team ICF) 2012-03 2012 Global Cyberlympics - Winner, North American Championship (Team ICF) 2011-10 2011 Maryland Cyber Challenge & Conference - Winner (Team ICF) 2011-10 Certifications/Licenses CompTIA A+ 2001 to Present F68DTT0A87 CompTIA Security+ 2008 to Present youracclaim.com/badges/56fdd5e6-1d33-4d97-853a-6a4e960d150a CompTIA Network+ 2001 to Present youracclaim.com/badges/2897851a-9d33-46fb-82ba-f63a27ed4a2a Microsoft Certified Solutions Developer (MCSD) 2002 to Present 100720049 Microsoft Certified Professional (MCP) 2002 to Present 100110773 Certified Ethical Hacker (CEH) February 2011 to December 2014 ECC14810210130 Additional Information Special projects I have worked on include: Facebook - FBCTF Platform   EKGmon - Cardiac Telemetry Simulator   ICF - Intrusion Detection Tool Suite   WraySec - Cyber Exercise Platform

Name: Seth Johnson

Email: sclark@example.org

Phone: (696)873-6565