Alexander P. Urcioli

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OBJECTIVE

Computer security expert with hands-on experience and two and one-half years of academic training interested in web application security, malware analysis, incident response, and digital forensics.

EDUCATION

John Jay University, New York, NY
M.S. in Digital Forensics & Cyber Security **–** Currently Attending (GPA: 3.91)

Courses:

Cybercriminology**,** Applied Cryptography**,** Network Security**,** Architecture of Sec. Operating Systems**,** Law & High Tech Crime**,** Forensic Mgmt. Dig. Evidence**,** Cyber Risk Assessment and Management**,** Data Communications Forensics & Security

Rutgers University, Newark, NJ
B.S. in Criminal Justice – Cum Laude – January 2012

TECHNICAL SKILLS

Languages	C#/VB.NET, C, Python, Java, JavaScript, Go Lang, PHP, HTML/CSS, LINQ
Systems	CentOS, ArchLinux, Ubuntu, Kali Linux, Fedora, Redhat, Windows
Technologies	NodeJS, AngularJS, Restify, Express, MongoDB, MSSQL, MySQL, SQLite, Vagrant
Tools	Burp Suite, Snort, Wireshark, Access Data FTK, EnCase, Volatility, Sleuthkit, Autopsy, RegRipper, Kali Linux, Metasploit, Fiddler
Projects	github.com/jadacyrus/searchgiant (Google Drive Forensics) bitbucket.org/jadacyrus/ransomwareremovalkit (Ransomware Response Kit)

EXPERIENCE

Taskstream, New York, NY **–** October 2014 - Present
Security Engineer
- Responsible for full security testing for web application.
- Develop internal security applications and infrastructure.
- Perform threat intelligence activities and mitigate vulnerabilities.
- Conduct blackbox/whitebox penetration testing of network perimeter and applications.
- Research and establish secure coding guidelines for developers.
- Participate in security code review with developers.
- Prepare and perform presentations on security issues and challenges.
- Develop policies and procedures to meet compliance for various security standards.

Tunnel Barrel & Drum Company, Carlstadt, NJ **–** January 2010 – 2014
- Created and managed company website.
- Developed electronic inventory, asset, and contact information management system.
- Implemented rigorous search engine optimization techniques to increase website visibility.

Robert J. Trobe Corporation, Mahwah, NJ – January 2007 – January 2010
- Developed and maintained workflow and case management software.
- Conceptualized and developed proprietary blackberry application using Java2ME & VB.NET for tracking and recording subpoena services.
- Created multiple client/server applications with encrypted communication protocols.
- Analyzed department procedures and designed software to meet company needs.
- Provided training to company field investigators regarding software systems.

MEMBERSHIPS

OWASP Contributing Member; CUNYSec; National Society of Collegiate Scholars