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# PAUL BATTISTA

## **OBJECTIVE:**

To maintain a position in information security where I can use my experience and technical knowledge to help secure information systems and IT infrastructure. To be challenged and pushed to the limits in order to solve complex logic and technical problems. To perform innovative research and stay on the leading edge of technology, attacks, defenses, and security intelligence.

## **PROFESSIONAL EXPERIENCE:**

**Aetna Inc. Senior Security Engineer**, Middletown, CT Oct. 2007-Present  
Design and implement security solutions and policies to ensure the protection of Aetna's data. Perform security assessments of internal, external, and newly acquired companies' applications using penetration testing techniques. Assist in investigations and the incident response process. Perform security research on new technologies for unknown vulnerabilities.

**Protiviti Inc. Senior Security Consultant**, New York, NY July 2005-Oct. 2007  
Responsible for overseeing and participating in penetration testing teams and security reviews for countless Fortune 500 clients in multiple industries. Engagements include scope such as web applications, infrastructure, wireless, social engineering, physical security, policy, compliance, incident response and forensics. Designed and built the web application penetration testing methodology and product offering. Coach junior team members with professional development of technical penetration testing capabilities.

**Connecticut Computer Crimes and Electronic Evidence Unit, Ambassador**, Meriden, CT May 2004-Aug.2004  
Under the supervision of Dolphin Technology Inc., Cyber Science Lab, and Dr. Henry Lee, I experimented with various forensic programs including the latest versions of EnCase, FTK, and Smart. Set up an undercover computer and assisted in investigations. Helped manage the network by completing tasks such as configuring the firewall, backup software, and antivirus software.

**Computer Forensic Research and Development Center, Dr. George Curtis & Dr. Donald Rebovich, Volunteer Forensic Consultant/Research Assistant**, Utica College, Utica, NY Sept. 2003-Jan. 2005  
Assisted in assembly of a new computer forensic lab and made recommendations on forensic hardware and software that should be purchased within budget. Built systems with various Windows and Linux operating systems and installed appropriate forensic software. Researched topics involved with economic crime investigation and assisted to compile problems to teach an economic crime investigation class. Taught classes on net worth analysis fraud investigation techniques and the program Analyst Notebook. The majority of research focused on identity fraud/theft and network security.

**New York State Office of the Attorney General, Intern**, Utica, NY Jan.2004-May 2004  
Mediated and investigated consumer complaints. Assigned proactive consumer protection cases as well, including critical Internet and computer security issues.

## **EDUCATION**

**Bachelor of Science from Utica College of Syracuse University, Criminal Justice-Economic Crime Investigation, focusing in Computer Security** Sept. 2001-Dec.2004  
Graduated **Summa Cum Laude** with cumulative **GPA- 3.81**. Completed Utica College's Honors Program. Member of the National Honors Society.

**SANS Training- SEC 504- Hacking Techniques, Exploits and Incident Handling (GIAC certification GCIH), SEC 617 Assessing and Securing Wireless Networks (GIAC certification GAWN)** Member of the SANS Advisory Board.

**Black Hat Training- Exploit Laboratory: Analyzing Vulnerabilities and Writing Exploits, Automating Exploit Detection: Cutting-edge Tools and Techniques**

## **OTHER QUALIFICATIONS**

Founder of the research group *Security Experiment*. Regular attendee and speaker at security conferences & professional organizations such as OWASP, ISSA, HTCIA, ShmooCon, DefCon, ToorCon, SANS, & Blackhat. Given presentations on topics such as Writing Buffer Overflow Exploits, Metasploit, SQL Injection, Lockpicking & Penetration Testing to ToorCon, OWASP, ISSA, educational institutions, & internal Protiviti Security Team. Performed research, developed tools or published articles on wireless, handcuff security, blind SQL injection techniques, social engineering, & malicious code. Other areas of expertise include network surveillance/sniffing, SQL injection, cross site scripting, password cracking, static binary analysis, IPS evasion, buffer overflows, man in the middle attacks, lock picking, incident response/forensics, fraud investigation, SOX 404, HIPAA, GLBA, FFIEC, PCI, server hardening, virtual machines, & more.