

JOEL W. PARISH

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Penetration Testing Qualifications

- Extensive experience in application development with recent focus in information security and penetration testing.
- **Languages:** Java, PHP, C, C++, Python, Javascript, SQL
- **Security:** Penetration testing, protection and mitigation against SQL injection, CSRF (Cross-site request forgery) and XSS (Cross-site scripting) attacks, source code review, complete server and host auditing, MITM (Man in the Middle) attacks, ARP spoofing and redirection, packet capture and review, and network protocol analysis. Experienced with PCI-DSS, OWASP.
- **System administration:** Web Server and Database Administration of the full LAMP stack, configuration of Apache, MySQL, PHP, Python, Postfix etc. OS-Hardening, IDS.
- Ability to grasp and solve complex technical problems, demonstrated through internship, work experience and independent projects.
- Excellent work ethic including ability to meet important deadlines.

Computer Science Education

UNIVERSITY OF ROCHESTER

Bachelor of Science in Computer Science

ROCHESTER, NY

anticipated May 2012

Experience

REDSPIN, INC.

SANTA BARBARA, CA

Junior Security Engineer

Summer 2009

- Analyzed security risk of web applications for clients ranging from small banks to Fortune 100 enterprises.
- Audited applications for compliance requirements including PCI-DSS, OWASP, HIPAA and SOX. Also, developed per-client custom-scope audits.
- Wrote reports detailing findings and recommendations for mitigation for executive and technical audiences.
- Single-handedly developed the SAAS tool SocialPET (Policy Evaluation Tool) from concept to product, integrating with the existing legacy LAMP/SAAS platform. Featured in *eWEEK Magazine*.

AJAXTRANS.COM

CAMARILLO, CA

Application Developer/Independent Project

December 2005 - Present

- Wrote a machine language translation interface which instantaneously translates a phrase as the user is typing it using Asynchronous Javascript and XML (AJAX). Website receives 50,000 unique monthly visitors and is monetized with advertisements and licensing. Featured on *TechCrunch.com*.

ONZRA

NORTH HOLLYWOOD, CA

Scalability Consultant

November 2007 - July 2008

- Optimized legacy systems with scaling and performance issues while migrating databases to new systems.
- Identified memory leaks and performance bottlenecks, allowing systems to serve many more customers on the same hardware.

T. MARTINEZ DISABILITY INSURANCES SERVICES

FILMORE, CA

Application Developer

2002-2003

- Developed intranet application to replace legacy fax processes, allowing satellite offices to synchronize and annotate case files with the central office.

Conference Papers

“Creative Web Protocol Attacks, Beyond Web Hacking.” Aided in curriculum development of two-day hands-on seminar/workshop with demonstrations and tutorials covering XSS, SQL Injection, CSRF, XMLRPC and SOAP injection. (RSA Security Conference, San Francisco, 2007)