

# JOEL W. PARISH

## EDUCATION

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B.S. COMPUTER SCIENCE	<i>University of Rochester</i>	<i>Rochester, NY</i>	<i>expected 2012</i>
HIGH SCHOOL	<i>Oaks Christian High School</i>	<i>Westlake, CA</i>	<i>2004-2008</i>

## SKILLS

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LANGUAGES	Java, PHP, C, Python, Javascript, SQL
SECURITY	Penetration testing, protection and mitigation against SQL injection, CRSF (Cross-site request forgery) and XSS (Cross-site scripting) attacks, complete server and host auditing, MITM (Man in the Middle) attacks, ARP spoofing and redirection, packet capture and review, and network protocol analysis. Familiar with IPTables/PF.
SYSADMIN	Linux Server Configuration and Administration, Web Server and Database Administration of the full LAMP stack, configuration of Apache, MySQL, PostgreSQL, PHP, Python, Postfix etc. Familiar with Shell Scripting.

## EXPERIENCE

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PERIOD	<b>November 2007–July 2008</b>
EMPLOYER	<b>Onzra</b>
JOB TITLE	<b>Consultant</b>
LANGUAGES	<b>PHP, MySQL, Python, Javascript</b>

Worked optimizing legacy systems with scaling and performance issues while migrating databases to new systems. Identified memory leaks, and performance bottlenecks.

PERIOD	<b>December 2005–Present</b>
JOB TITLE	<b>Application Developer</b>
LANGUAGES	<b>Python, Javascript</b>

Wrote AjaxTrans.com, machine language translator which instantaneously translates a phrase as the user is typing it using Asynchronous Javascript and XML (AJAX). Website receives 50,000 monthly visits and is monetized with advertisements and licensing.

PERIOD	<b>2002–2003</b>
EMPLOYER	<b>T. Martinez, Disability Insurances Service</b>
JOB TITLE	<b>Application Developer</b>
LANGUAGES	PHP

Designed intranet application for satellite offices to synchronize and annotate case files to central branch

PERIOD	<b>2003–2008</b>
EMPLOYER	<b>Reignbridge (501c3) non-profit</b>
JOB TITLE	<b>System Administrator/Developer</b>
LANGUAGES	<b>PHP, Python</b>

Volunteer work which included leading software development and managing infrastructure while working with curriculum writers to create the International School of Reconciliation Studies, an internet based school. Later, work included developing the “Oaks Prayer Endowment”, building mailing list management software to send daily emails to 500+ subscribers.

## CONFERENCES

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- 2007 “*Creative Web Protocol Attacks, Beyond Web Hacking*” presented at RSA conference, created with Jose Avila III
- 2006 Attended OSCON in Portland, OR taking intensive workshops on Scalable Internet Architectures and Information Security

540 W. HIGHLAND DR. CAMARILLO, CA 93010  
✉ JOEL.PARISH@GMAIL.COM ☎ (805) 405-4534