

Joel W. Parish

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OBJECTIVE Summer Internship working with new technologies

EDUCATION *University of Rochester* 2008-
Oaks Christian High School 2004-2008

COMPUTER SKILLS *Languages:* PHP, Python, Java, Javascript, Basic Haskell

Information 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/redirection, packet capture and review, and network protocol analysis.

EXPERIENCE *Consultant* 2007
Worked optimizing legacy systems with performance issues, migrating databases to new systems

Application Developer 2005-2006
Wrote Ajax Translator, machine language translator which instantaneously translates a phrase as the user is typing it using Ajax. Written in PHP and Javascript

- Ported to Ruby on Rails and sold first license to Ramine Darabiha
- Ported to Python to add new languages, right-to-left font display (Arabic), and unicode support
- Added aggressive query cache to deal with performance issues using an in-memory cache and later MySQL
- Bought domain AjaxTrans.com, monetized via Google AdSense and sold license to Verbatim Solutions

Network Developer 2001-2003
T. Martinez, Disability Insurances Service

- Designed intranet for satellite offices to synchronize case files to central branch

COMMUNITY SERVICE Volunteer computer programming for Reignbridge (501c3) from 2003-present working for 2-6 hours a week.

Responsibilities include:

- Led development, working with curriculum writers, of the International School of Reconciliation Studies, an internet based school
- Developed "Oaks Prayer Endowment", building mailing list management software and infrastructure to send daily emails to 500+ recipients

EXTRA-CURRICULAR ACTIVITIES *Co-founder*, Young Democrats Club at Oaks Christian High School
Attended OSCON in Portland, OR taking intensive workshops on Scalable Internet Architectures and Information Security