

## Anthony Gentile

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### EDUCATION

University of Washington, Seattle, WA  
Master of Science in Computational Linguistics, December 2013

Appalachian State University, Boone, NC  
Bachelor of Science in Business Administration, Summer 2008  
Concentration in Computer Information Systems  
Minor in German  
Cum Laude

### EXPERIENCE

<b>Owner</b>	AG Technology Solutions, LLC Charlotte, NC	August 2010 - Present
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Providing web application development and scalability consulting services to existing large scale websites and startups. Clients have included Maker's Row, GroundSwell.FM, TotallyHer, and more.

<b>Web Engineer</b>	OmniTI Brooklyn, NY	July 2008 - May 2011
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- Performed web performance analysis for a large ISP portal application. This included load testing, code profiling using XHProf and an analysis of the common front-end performance pitfalls.
- Main developer for 3.4 million+ user teen social network, TeenSpot. Providing new features for the site while focusing on performance and security. Responding to security issues and improving existing security within the code base using best practices.
- Helped create a business intelligence tool and implemented security code changes for Etsy, a large e-commerce site specializing in user-made goods. These changes included better password storage using adaptive hashing and dynamic salts, stronger password reset tokens, rate limiting on login forms, and moving the administration panel to a web server accessible only through the VPN.
- Main developer for an in house PHP security auditing tool. This application analyzes PHP opcodes and provides static analysis to better assist security auditors in finding weaknesses within PHP code bases.
- Implemented SQL Server compatibility within WordPress. This patch provides on-the-fly SQL dialect translations while maintaining PHP 4 compatibility and full feature support. Also tested for the top twenty most popular WordPress plugins. This patch was displayed by Microsoft at their PDC conference to show their open source compatibility with PHP and SQL Azure.
- Helped build a custom, scalable content management system for AlliSports, a large sports event website.
- Assisted in several PHP security audits.

<b>Partner</b>	Redlink Technology Solutions LLP Boone, NC	October 2007 - July 2008
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Founded during college as a company specializing in web-based e-commerce solutions for small businesses.

**TECHNICAL KEYWORDS**

HTML5, XHTML, CSS3, jQuery, LESS

PHP, Python, JavaScript

PostgreSQL, MySQL, SQL Server, SQLite, MongoDB, Redis, Memcached

UNIX, Apache, IIS, SSH, Nagios, Solr, Sphinx, Varnish, Amazon Web Services

Vagrant, Ansible, Git, Subversion, MVC Frameworks, Test-Driven Development, Agile

**CERTIFICATIONS**

Zend Certified Engineer - (PHP5, CandidateID: ZEND010529)

Network+