

Barrett Smith
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Certifications

PHP5 Zend Certified Engineer (<http://www.zend.com/...>)

MySQL 5.0 Certified Developer (<http://mysql.com/...>)

Skill Set/Areas of Proficiency

PHP, MySQL, (x)HTML, CSS, JavaScript, XML, SAS, UML, Needs Assessment, CVS, BASH, Linux, Python, Drupal, WordPress

Professional Experience

Constella Group/SRA (<http://www.sra.com/>)

2006-present

Rockville, MD

- Serviced 10 government sponsored LAMP websites covering HIV and SRH topics, the largest of which received over 300,000 visits per month and housed over 400,000 resources orderable by 13000 registered users.
- Deployed SOAP-based resource searching interface
- Implemented a multi-site code repository allowing sites to use a shared object model
- Implemented AJAX-based interface to export documents in a format compatible with EndNote reference management software
- Led the systems team responsible for the MAQWeb Mini-U redesign
- Implemented content management using Zope
- Documented systems using UML and ERD diagrams

Westat, Inc. (<http://www.westat.com>)

1997-2006

Rockville, MD

- Designed, implemented, and maintained multi-user network and internet databases in support of nationwide substance abuse treatment and prevention studies
- Implemented PHP and ASP based Management Information Systems including data entry, work-load monitoring, data analysis, and dynamic reporting
- Conducted End-User Needs Assessment to ensure optimal system support of professional staff, Community contacts, and lay data collectors
- Designed and implemented SAS analysis structures for sampling, weighting, and statistical significance testing of international school health practices data
- Conducted in-house and out-of-house data collection and system use trainings

Education

M.S., IT- Systems Design and Programming, Capella University, 2009 - projected

M.S., Clinical Community Counseling, Johns Hopkins University, 2003

B.A., Psychology, Flagler College, 1997

Publications

“Emotional Barriers to Successful Reemployment: Implications for Counselors” Journal of Employment Counseling, v39 n2 p73-82 Jun 2002