

John Paul Healey

Atlanta Journal-Constitution
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- EDUCATION
- ◇ **Emory University**, Atlanta, GA.
M.S. in Computer Science, 2006.
Master's Thesis: *Yaccscript: A Platform for Intersecting High-Level Languages*.
 - ◇ **Emory University**, Atlanta, GA.
B.S. in Computer Science, 2004.
Minor: Religion
- NOTABLE PROJECTS
- ◇ **Masters Thesis Research: Yaccscript**
Designed and implemented a Lisp-based API to facilitate the compilation of existing languages to Lisp for concurrent execution. Implemented portions of several existing languages and explored the system's ability to support multi-paradigm programming.
 - ◇ **The Semantic Wiki**
This research project for a graduate databases class involved the creation of a PHP/MySQL based wiki for processing RDF data. Aside from the HTML user interface, it also provided an HTTP-based query interface which included a Python client library.
 - ◇ **Bog**
Bog is a lightweight, open source j2me version of Boggle for mobile phones.
- PUBLICATIONS
- ◇ John Healey, "Yaccscript: A Platform For Intersecting High-Level Languages". *In Proceedings of the 2006 ACM Southeast Regional Conference*, Melbourne, Florida, March 10-11, 2006. Received "Best Student Paper" award.
- SKILLS
- Proficient in:** C, HTML, Java, Lisp, PHP, Python, MySQL, Ruby
- Some Experience with:** Bash, C++, CSS, Haskell, Javascript, Latex, Prolog, RDF, XML, XSLT, XUL
- Operating Systems:** Linux, Solaris
- Software:** Apache, SVN, Memcache, Nagios
- INTERESTS
- Programming Languages, Web Technology, Machine Learning, Metadata.

WORK
EXPERIENCE

- ◇ **Database Systems Analyst**, Atlanta Journal-Constitution (11/2007-current)
Administered systems hosting public web sites for a large local newspaper. Developed software for system maintenance, deployment automation, and advertising.
- ◇ **Software Developer and System Administrator**, Emory University Libraries (6/2004-11/2007)
Created, modified, evaluated and deployed numerous web-based software systems to provide digital library infrastructure. Fields of research included search, metadata processing, harvesting, and archiving. Most work was performed as part of the **Metaarchive Project**, but several technical contributions were also made to the online journal *Southern Spaces*.
- ◇ **Teaching Assistant**, Emory University (1/2005-5/2005,8/2005-12/2005)
Course: Introduction to Computer Science.
Tasks included grading, working individually with students during office hours, and instructing students during lab sessions.
- ◇ **Infocommons Student Assistant**, Emory University Libraries (9/2001-6/2004)
Provided Technical Support to patrons of the main library at Emory University.
- ◇ **Residential Computing Consultant**, Emory University, Information Technology Division (9/2003-5/2004)
Provided on-site technical support for students living in campus dormitories.