Johnny Healey

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Work Experience

- **Senior Systems Software Engineer**, 2/2013 - current
  Akamai Technologies, Cambridge, Ma
  Developed systems software for secure distribution of private data. Utilized a variety of technologies including Python, C++, SQL, and cryptography libraries.

- **Senior Software Engineer**, 10/2010 - 2/2013
  Damballa, Atlanta, Ga
  Contributed to the design and development of a suite of software tools written in C and Ruby to inspect network traffic and detect signs of intrusion. Wrote concurrent code to meet stringent throughput requirements for performance demands of both corporate and service provider networks. Tasks involved writing and reviewing code as well as creation and estimation of tickets.

- **Software Developer**, 11/2010 - 10/2011
  Cox Media Group Digital, Atlanta, Ga
  Contributed to a large web-based content management system used to deliver news and information for hundreds of media sites using the Django web framework.

- **Database Systems Analyst**, 10/2007 - 11/2010
  Atlanta Journal Constitution, Atlanta, Ga
  Administered systems used to host public-facing web sites for a large regional newspaper. Contributed to applications built using the Ruby on Rails and Django web frameworks.

- **Web Systems Analyst**, 5/2004 - 10/2007
  Woodruff Library, Emory University, Atlanta, Ga
  Developed software and administered systems for a digital library research team. Contributed to the MetaArchive project, a cooperative dedicated to long-term archiving of digital content.

Education

- **M.S. in Computer Science**, 2006.
  Emory University, Atlanta, Ga
  Thesis: *Yaccscript: A Platform for Intersecting High-Level Languages*

- **B.S. in Computer Science**, 2004.
  Emory University, Atlanta, Ga
  Minor: Religion

Side Projects

- **Arkestrator**
  https://github.com/adreyer/arkestrator
  Arkestrator is an open source web-based message board system built using the Django web framework.

Skills

- Programming Languages: C, Haskell, Lisp/Scheme, Python, Ruby, SQL

- Misc: Android, Apache, Django, KVM, Xen

Publications

- Johnny Healey, "Yaccscript: A Platform for Intersecting High-Level Languages", *Proceedings of the 2006 ACM Southeast Regional Conference*, Melbourne, Fl, Mar 10-11, 2006.