Nelson Elhage
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Education

- **Massachusetts Institute of Technology**, Cambridge, MA
  Candidate for Bachelor of Science degree in Electrical Engineering and Computer Science, June 2009
  GPA 4.9/5.0
  - Chairman, Educational Studies Program, a student-run high school outreach program
  - Vice-Chairman, Student Information Processing Board

- **Roxbury Latin School**, West Roxbury, MA
  2001-2005, Graduated *Summa Cum Laude* June 2005
  GPA 4.0/4.0; Received National Merit Scholar award, one of 2500 students nationwide.

Work experience

- **One Laptop Per Child**, Cambridge, MA
  Summer 2007, Software Developer (Intern)
  Worked on infrastructure web applications for laptop tracking and anti-theft system.

- **Best Practical Solutions**, Somerville, MA
  Summer 2006, Software Developer (Intern)
  Developer for Hiveminder (http://hiveminder.com) and Jifty (http://jifty.org), a new Perl framework for web applications.

- **Geode Capital Management, LLC**, Boston, MA
  Summer 2005, Software Developer (Intern)
  Developed internal system to automate downloading and access of *Yahoo!* ®*News* headlines and electronic SEC filings. Analyzed data using the R statistical programming language

General experience

- **Open-Source projects**
  - Lead developer and maintainer of Barnowl IM client (http://barnowl.mit.edu)
  - Former developer for Adium X (http://adiumx.com) and Growl (http://growl.info).
  - Contributed significant patches to bitlbee (http://bitlbee.org)

- **Relevant coursework**
  - *Operating Systems Engineering* Fall 2006 (Graduate level course) – Implemented a toy x86 exokernel and minimal userspace.
  - *Adventures in Advanced Symbolic Programming* Spring 2006 (Graduate level course) – Developed a prototype scheme-based web framework.

Skills

- Perl, Lisp/Scheme, Haskell, C, Java, SQL, LaTeX, C++, HTML, CSS, PHP. Familiar with Python, OCaml, R, Haskell

- Unix system administration – bash command-line and scripting, Debian Linux, Apache, PostgreSQL, MySQL, Subversion, CVS