

# 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, 2006-2007
  - Vice-Chairman, Student Information Processing Board
- **Roxbury Latin School**, West Roxbury, MA  
2001-2005, Graduated *Summa Cum Laude* June 2005 with a 4.0 GPA

## Work experience

- **VMware**, Palo Alto, CA  
Summer 2008, Member of Technical Staff, Intern  
Extended support for VMware's next-generation virtual machine communication infrastructure.
- **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>).
- **Relevant coursework**
  - Teaching Assistant, 6.828 *Operating Systems Engineering*, Fall 2007
  - 6.035 *Computer Language Engineering* Fall 2007  
Implemented an optimizing, data-parallelizing, compiler for a C-like language.
  - 6.170 *Laboratory in Software Engineering* Spring 2006  
Designed and implemented an Antichess engine, UI and AI with a three-man team
  - 6.828 *Operating Systems Engineering* Fall 2006  
Implemented a minimal unix-style OS kernel and userspace

## Skills

- Programming languages: Proficient in Perl, C, Lisp/Scheme, Java, Haskell, SQL, L<sup>A</sup>T<sub>E</sub>X, CSS. Familiar with Python, C++, OCaml, R, PHP