

Michael White m@white.info

## Work Experience

- *Co-Founder and Backend Engineer* at GetchaBooks, LLC  
December 2009 - present
  - Conceived and built a novel course-based textbook price comparison website.
  - Designed and wrote most of the **PHP/MySQL** backend, using a makeshift **MVC**, **Propel ORM**, and **Memcached**.
  - Wrote modular, piecemeal, on-demand bookstore scrapers handling JavaScript and cookies.
  - Managed our **Linux** server.
- *Student Research Assistant* at AIFB, Karlsruhe Institute of Technology  
June 2010 - August 2010
  - Wrote AskQ, a **Semantic MediaWiki** extension that translates plain-text user queries into structured semantic queries and adds rudimentary faceted browsing to query results, using **PHP**, **MySQL**, and **jQuery**.
- *Salesperson and Manager* at Boston Skyline, Inc.  
July 2008 - August 2010
  - Sold apparel throughout downtown Boston at a busy pushcart retailer. Managed inventory, cashflow, and employees.

## Education

- *B.A. in Computer Science, Minor in Linguistics*, Tufts University, Medford, MA  
(expected May 2012)
  - GPA: 3.44. Dean's list Fall 2008, 2009, 2010.
  - Semester abroad at the University of Tübingen.
  - Some particular things I learned in school:
    - \* Analysis and design of **algorithms**
    - \* How to write good **C/C++** using **valgrind**, **gdb**, and **ddd**
    - \* **Assembly** and machine structure
    - \* **Philosophy** of mind and language
    - \* Theoretical and **computational linguistics**

## Miscellaneous

- At various times, I've written **Python**, **Prolog**, **LaTeX**, **Scheme**, **Java**, **Ruby**, **Haskell**, and **BA-SIC**.
- Natural language competency: English (native), German (decent), Spanish (mediocre)