

# Michael White m@white.info

## Work Experience

- *Co-Founder and Backend Engineer* at GetchaBooks, LLC

December 2009 - present

- Conceived and built a course-based textbook shopping website supporting over 1200 colleges. Users select their courses, we look up their books and find the cheapest way to buy them online.
- Designed and wrote most of the **PHP/MySQL** backend, using a custom **MVC**, **Propel ORM**, and **Memcached**.
- Wrote multiple piecemeal bookstore scrapers handling JavaScript and cookies.
- Managed our **Linux** server.

- *Student Research Assistant* at AIFB, Karlsruhe Institute of Technology

June 2010 - August 2010

- Designed and 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*, (GPA: 3.44) Tufts University, Medford, MA  
(expected May 2012)

- CS classes on topics such as algorithms, machine structure, programming languages, operating systems, web development, the semantic web, theory of computation, and artificial intelligence.
- **C** and **C++** programming with **valgrind**, **gdb**, and **ddd**
- **Linguistics** and **philosophy** of mind
- Semester abroad at the University of Tübingen in Germany

## Skills

- I have experienced many programming languages and tools through personal and school projects and read about many more, but the only ones I should be hired based on experience with are **PHP**, **C**, **MySQL**, **MediaWiki**, and perhaps **Python**.
- Proficiency in German, familiarity with Spanish, and ability and desire to learn new languages.
- Creative, hard-working, good communicator, excellent writer.