Michael White   m@mwhite.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 real-time 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

- Very experienced with **PHP**, **C**, **MySQL**, and **MediaWiki**. Moderately experienced with **Python**. Familiar with **C++**, **JavaScript**, **jQuery**, **Prolog**, **Lisp**, **Haskell**, **Java**, **Ruby**, **Bash**, **XSLT**, **LaTeX**, and **CSS**.

- Proficiency in German, familiarity with Spanish, and ability and desire to learn new languages.

- Creative, hard-working, good communicator, excellent writer.