Michael White `m@mwhite.info`

Work Experience

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

  December 2009 - present

  - Conceived and built a business involving a novel course-based textbook price comparison website, in a team of three.
  - 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

  - 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*, Tufts University, Medford, MA

  (expected May 2012)

  - GPA: 3.44. Dean's list Fall 2008, 2009, 2010.
  - Semester abroad at the University of Tübingen, Germany.
  - 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
    * Theoretical and computational **linguistics**
    * **Philosophy** of mind and language

Skills

- In addition to the skills in bold above, various levels of experience with **Python**, **Prolog**, **LaTeX**, **Scheme**, **Java**, **Ruby**, **Haskell**, **XSLT**, and **BASIC**.

- Creative vision informed by diverse subject-area knowledge and keen awareness of existing tools and their capabilities.

- Ability to write flawless, even brilliant prose.

- Proficiency in German, near-proficiency in Spanish, and ability to learn new languages quickly.