

Michael White m@white.info

Work Experience

- *Co-Founder and Backend Engineer* at GetchaBooks, LLC
December 2009 - present
 - 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 shirts throughout downtown Boston at a busy pushcart retailer. Managed inventory, cash-flow, 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**, in COMP160
 - * How to write good **C/C++** using **valgrind**, **gdb**, and **ddd**, in COMP40
 - * **Assembly** and the underlying machine model, in COMP40
 - * Philosophy of mind and language
 - * Theoretical and **computational linguistics**

Miscellaneous

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