

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, 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++** with **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)