Michael White `m@mwhite.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:
        * 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)