

Work Experience

- *Co-Founder* at **GetchaBooks**, LLC

December 2009 - present

- Built a course-based textbook shopping website supporting over 1200 colleges. Users specify their courses, we look up their required books and find the best way to buy them online.
- Wrote the **PHP/MySQL** backend, using a custom **MVC**, **Propel ORM**, and **Memcached**.
- Wrote real-time piecemeal bookstore scrapers handling JavaScript and cookies.
- Managed our **Linux/Apache** 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 queries into structured queries based on known data and adds 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)

- 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** 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**.
- Proficient in German, familiarity with Spanish, and ability and desire to learn new languages.
- Creative, hard-working, good communicator, excellent writer.