

OBJECTIVE	A challenging position developing software and services for the web.
SKILLS	<ul style="list-style-type: none">• Extensive knowledge of Python, Cython, JavaScript, SQL and Bash scripting• Passionate about software, having authored many popular open-source projects• Knowledgeable about Linux administration, Postgres, C extensions for Python and SQLite, Redis, Nginx, Apache, Varnish Cache, Git, continuous integration
EXPERIENCE	<p><i>BATS Global Markets</i> August 2015 - present Developing web-based tools to monitor and manage the third largest equities market in the U.S. Built a web interface for sending critical alert messages, integrating with physical alert beacons, desktop software, and SMS.</p> <p><i>Counsyl</i> March 2013 - August 2015 Automating and improving the efficiency of billing for a medical genomic testing company. Developed a powerful trouble-ticketing framework which has improved the efficiency of teams across the company. Many improvements to billing and support infrastructure, leading to increases in revenue and efficiency.</p> <p><i>Nerderly / Sierra Bravo</i> December 2012 - March 2013 Developed software solutions for diverse clients using a variety of technologies. Worked primarily on performance enhancements for a large site, using Python, Postgresql, Memcached and Apache.</p> <p><i>Mediaphormedia</i> July 2009 - November 2012 Developed many sophisticated features for the award-winning content management system <i>Ellington</i>. Reduced latency of numerous backend services to deliver faster load-times on high-traffic news sites. Scripted and oversaw complex migrations.</p> <p><i>Lazerpro Digital Media Group</i> June 2008 - June 2009 Developed numerous features for a community website in a busy college town, including an online food-ordering service, classifieds, apartment listings, MLS, local news and weather. Met with clients and members of the sales team to plan and develop custom websites.</p>
ACTIVITIES & HONORS	<p>Co-author of <i>Learning Flask Framework</i>, Packt Publishing, 2015</p> <p>Article on clustering algorithms published in February, 2013 issue of <i>Hacker Monthly</i></p> <p>College of Liberal Arts and Sciences Honors</p> <p>Department of English Honors</p> <p>Summerfield Scholarship recipient, four years</p> <p>Third place, Djangodash 2010 for creation of <i>readthedocs.org</i></p>
EDUCATION	<p>Bachelor of Arts in English, Honors, December 2006</p> <p>University of Kansas, Lawrence, KS</p> <p>GPA: 3.7 / 4.0</p>

**OPEN-SOURCE
ACTIVITIES**

- Co-created readthedocs.org, an open-source documentation hosting site that receives over 8 million pageviews a month
- Authored *peewee*, a lightweight and expressive object-relational mapper written in python
- Wrote a lightweight multi-threaded task queue designed for offloading work outside of the request/response cycle
- Maintain an active programming blog discussing primarily python development