

Michael Rosenberger – Software Developer

3041 S. 154th St., Apt. C304 | SeaTac, WA 98188 | 425.272.5131 | michael.roy.rosenberger@gmail.com | github.com/mrosenberger

Skills

Software development - Relational data modeling - Web & SPA design - Scripting & automation
Systems configuration & deployment - Data mining & analysis - Machine classification & learning
Troubleshooting & use of code analysis techniques - Text processing & extraction - API design & implementation
Database administration – Automated testing - Scaling & load analysis – SOA design

Tools & Technologies

Web: Ruby, Rails, HTML, CSS, PHP, JavaScript, jQuery, AngularJS & Protractor, WebDriverJS

Backend: Java, SQL, Python, shell scripting, C, JDBC, Hibernate, Apache MINA, Apache Commons, InnoDB, Munin

Data transfer and formats: XML, JSON, YAML, FTP, SFTP, SSH, REST

Platforms: Unix/Linux (incl. Amazon EC2), Windows, Mac OS X

Software: Git, Eclipse IDE, Sublime Text, Notepad++, Emacs, Firebug, MS Excel, MS Outlook, MS PowerPoint, MS Word, GIMP, Photoshop

Experience

Software Engineer at Rakuten Marketing

September 2014 - Ongoing

- Implemented a custom Java event-driven FTP solution based on Apache MINA to receive, process, and serve affiliate data feeds to and from clients
- Collaborated with native Japanese speakers to internationalize an affiliate feed processing platform
- Monitored and analyzed the performance of a bank of servers running a service-oriented affiliate data processing system

Junior Software Engineer at PopShops Inc.

May 2013 - September 2014

- Built a Naïve Bayes-based hypertext classification system, mapping webpages to internal product categories
- Developed a JavaScript contextual advertisement platform utilizing the above webpage classification system, live at popshops.com/intext-ads
- Wrote a set of PHP and JavaScript libraries that facilitated the use of the PopShops product API, driving adoption of the API by clients seeking to develop e-commerce websites
- Built a customizable self-service affiliate product advertising tool, live at popshops.com/showcases
- Developed internal and external web pages and web applications, including an administration dashboard for a feed-management solution, public-facing marketing pages, and API endpoints accessed by affiliate publishers

IT Support at Harrison Architects

November 2012 - March 2013

- Configured and deployed software to allow remote contractors to collaborate on architectural designs
- Installed and maintained networking hardware for a small office
- Set up email and other coordination tools via Google Apps for Business

Software Engineering Intern at PopShops Inc.

June 2012 - August 2012

- Implemented an affiliate network web scraping & information aggregation engine, the results of which were used to drive business decisions
- Developed a mechanism for cleaning and normalizing affiliate data feeds, which processes tens of millions of text fragments daily