# Ethan B Martin

## Web Architect/Lead Developer

## Technology

CSS, Git, HTML, Java, JavaScript, JSP, Linux, Node, PHP, Python, Ruby, SASS, SQL, Tobii Studio

## Employment

**eBay**, 2010 – Present: *Technical Lead, Web Architect*

* Led site-wide performance improvement projects
* Led a multi-client checkout flow performance improvement project
  + automated performance analysis by writing a Node wrapper for the SOSTA mPulse API
* Mentored junior developers
* Trained software engineers and quality assurance personnel in web technology
* Performed code reviews and reviewed web developers' performance
* Optimized developers' workflows
* Wrote Scrum user stories
* Oversaw drafting of user interface coding standards
  + sought input and consensus among senior web developers
  + tailored the JavaScript style guide to our organization's needs
* Guided web-store remediation for *Americans with Disabilities Act* compliance
* Performed usability testing using Tobii Studio
* Wrote performance testing tools for results-based optimization using Selenium WebDriver
  + integrated into automated regression test modules
  + blocked commits that degraded performance
* Provided iterative mobile-first responsive design solution
* Created and maintained an internal web service devoted to our front-end build process
  + written in Ruby, using Sinatra and ActiveRecord
  + created a dependency-free Linux client, and a fast Node client
* Configured technical debt analysis, reinforcing style guides
* Presented a crash course in object oriented JavaScript to the other architects
* Identified security liabilities inherent in our technology and culture
* Reviewed client communications to improve technical accuracy

**MetLife**, 2009 – 2010: *Web Developer*

* Designed pages and solved problems for the *Extreme Make Over* project
* Wrote and documented an internal JavaScript library to assist page design
* Performed usability testing

**New Horizons**, 2007 – 2009: *Senior Software Instructor*

* Taught adults advanced applications, and beginner programming courses
* Evaluated exceptionally for clarity of instruction and sense of humor ʕ•ᴥ•ʔ

## Awards

* Spot
* Critical Talent
* Excellence Delivered for the *Save the Company* project
* Excellence Delivered for *Make It Better* Checkout

## Patents

* Sole author of two patents filed for eBay in 2015

## Personal Projects

Drupal projects, a PHP web application, a Java solution to a statistical problem, game design and development, art direction, custom performance-oriented JavaScript solutions.

## Education

### Keller Graduate School of Management, New York City

#### 4.0 GPA, 2009

* *Managerial Applications of Information Technology*
* *Strategic Management of Technology*

### Rutgers University, New Brunswick, New Jersey

#### Bachelor of Arts, 2006