# Ethan B Martin

## Web Architect/Lead Developer

## Technology

CSS, Drupal, Git, HTML, Java EE, JavaScript, JSP, Linux, Node, PHP, Ruby, Tobii Studio

## Employment

**eBay**, 2010 – Present

* 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
* Wrote performance testing tools for results-based optimization
  + used Selenium WebDriver, Java
  + integrated into automated regression test modules
  + blocked commits that degraded performance
* Performed usability testing using Tobii Studio
* Guided web-store remediation for Americans with Disabilities Act compliance
* 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
  + wrote Node client for Grunt and Gulp integration
* Performed code reviews
* Optimized developers' workflows
* Oversaw drafting of user interface coding standards
  + sought input and consensus among lead web developers
  + tailored the JavaScript style guide to our organization's needs
* Configured technical debt analysis, reinforcing style guides
* Transitioned developers from an antiquated compression system
* Critiqued and invited criticism at the Architecture Review Board
* 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

* 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

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

## Awards

* Spot Award
* Critical Talent Award
* Excellence Delivered award for the *Save the Company* project
* Excellence Delivered award 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, a custom performance-oriented JavaScript solution.

## 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