

**Sara McCutcheon**  
saramccutcheon@tesladethray.com • 207-808-0856

## Summary

I'm a developer in the San Francisco Bay Area. Most of my work experience has been with Radical Designs, a small cooperative which creates websites and other software solutions for non-profit businesses and political groups whom profess values which resonate with ours. I have developed new products from the ground up and from popular web frameworks. I run the gamut from setting up new VPSs, selecting the language and software to work with, doing all the coding and testing, setting up the design, launching, and providing support for the software time and time again.

I am looking for a new opportunity to expand my abilities. I needn't find the exact same sort of work, but I have a *need* to make things - to see the fruits of my labor set out into the world to help people get informed and connect with one another.

The short version: code monkey looking for code to wrench.

## Skills

- Ruby, PHP, Python, Java, C++, Lisp, and *more!*
- JavaScript, CSS, HTML
- MVC Frameworks (Rails, Sinatra, CakePHP, Django)
- Linux/Mac, Windows
- Photoshop, MS Office
- SQL (MySQL, SQLite, PostgreSQL)

## Experience

**Radical Designs** • Oakland, CA  
Senior Developer July 2011 - present  
Previously: Support Manager, Developer

Specifically:

- Developed a system using CakePHP by which two California social work training organizations manage their training events, trainers, trainees, create performance reports, and various other internal components.
- Created a system using Django which allows the client to set up their own meme generators and, optionally, to harvest the data of those using it.
- Added a voter guide feature to TheBallot.org, a Rails-based voter information guide. Users could select from the ballot measures and candidates in their area, complement them with their own views, and share them on social media.
- Writes command-line scripts to manage WordPress installations and their plugins and ETL scripts to port data between Joomla, Drupal, AMP, and WordPress.
- Fixed bugs and added user features to Revent, a Rails-based days-of-action event planner in use by the AFL-CIO.

More generally:

- Select programming languages, design tools, and applications for use in customer and internal software.
- Writing both core and supporting code for web applications and web sites.
- Identify problems uncovered by testing and customer feedback, and correct problems or refer problems to appropriate personnel for correction.
- Evaluate code to ensure that it is valid, is properly structured, meets industry standards, and is compatible with browsers, devices, and/or operating systems.
- Develop databases that support web applications and web sites. Write scripts to format existing data to fit specifications of new media.

- Install and configure HTTP servers and associated operating systems.
- Research, document, rate, and select alternatives for web architecture or technologies.
- Updating system software to current versions and ensuring the functionality of those systems throughout the process.

**OPSWAT • San Francisco, CA**

Support Analyst Intern June 2010 - October 2010

- Compared system snapshots to determine minute differences created by system settings to use for the development of VPN SDKs.
- Reproduced bugs to verify client reports.
- Created illustrated client documentation.

**Transworld Systems, Inc • Santa Rosa, CA CMS Liaison, Sales Support January 2005 - April 2006**

- Read source documents such as canceled checks, sales reports, or bills, and entered data in specific data fields using keyboards and scanners.
- Compiled, sorted, and verified the accuracy of data before was is entered.
- Compared data with source documents, or re-entered data in verification format to detect errors.
- Stored completed documents in appropriate locations.
- Located and correct data entry errors, or reported them to supervisors.
- Obtained customer information such as name, address, and payment method, and entered orders into computers.

## Education

---

**San Francisco State University**

Bachelor of Science (B.S.), Computer Science, Mathematics  
August 2009 - June 2012

**City College of San Francisco**

Computer Science  
June 2006 - June 2009

## Languages

---

English, Japanese (JLPT N2 178/180)

## Awards

---

Time Magazine Person of the Year 2006