

Mackenzie R. Morgan

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Selected Work Experience

SOCIALCODE (FORMERLY TROVE) WASHINGTON, DC
Software Development Engineer AUGUST 2015–PRESENT

- Developed new pages and modules on Python-backed Node.js/Underscore app

SCA BARONY OF STORVIK WASHINGTON, DC
Volunteer Webmaster FEBRUARY 2013–PRESENT

- Created a custom WordPress theme (PHP, Less CSS, HTML5)
- Ensure licensing permission for all media

CISCO SYSTEMS (FORMERLY SOURCEFIRE) COLUMBIA, MD
Software Engineer II JANUARY 2011–JULY 2015

- Maintained framework for packaging product upgrades (shell, Perl, makeself)
- Maintained tools useful to administrators of our product (Perl)

POPVOX MARCH 2012–OCTOBER 2013
Developer (Contractor)

- Developed new features and APIs in Django application, including database schema design (Python, Javascript, HTML, JSON)
- Maintained scripts to fetch data from the Library of Congress and generate reports (Perl, L^AT_EX)
- Maintained Ubuntu/AWS environment and scripted AWS deployment for redundant systems
- Assisted in data migration from MySQL to PostgreSQL
- Transitioned the team to using GitHub for development, including writing process documentation

WASHINGTON POST NEWSWEEK INTERACTIVE ARLINGTON, VA
Research Assistant Intern SEP–DEC 2007

- Increased efficiency of adding new blogs by customizing Movable Type & templates (Perl, CSS, JS, HTML)
- Scraped government websites to CSV for database input (Python)
- Found SQL injection vulnerability in Hillary Clinton's 2008 presidential campaign site

Free & Open Source Software Development Experience

GROWSTUFF MAY 2014–PRESENT
Contributor

- Develop and test new features using Agile process (Ruby on Rails, RSpec)
- Tracking acceptance testing and release preparedness

UBUNTU LINUX FEB 2007–JAN 2012
Developer (committer as of 2009)

- Maintained deb packages in Universe component, including writing and reviewing patches
- Mentored developers-in-training
- Determined which contributors get commit privileges

VARIOUS PROJECTS

Contributor

- Spree: extension updates to work with API updates (Ruby on Rails) 2014
- Gally: created sign language tutor desktop application (Python, Qt, KDElibs) 2009

Education

George Washington University, BS Computer Science

Speaking Engagements

- “Don't Get Cracked on Hostile WiFi” at Ohio Linux Fest 2008
- “Sysadmins' Rosetta Stone” at Ohio Linux Fest 2009
- “Is Linux Secure?” at Southeast Linux Fest 2010
- “Ubuntu Development Processes” at FOSSCON & Southeast Linux Fest UbuCon 2011

