

Lynn Root

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TL;DR

Software engineer at Red Hat; [fellow](#) and [board member](#) of the [Python Software Foundation](#); founder and leader of [PyLadiesSF](#); frequent [speaker](#) at Python-centric conferences.

Skills

- *Languages*: Python, Ruby, SQL
- *Operating Systems*: Linux (Fedora, RHEL), Mac OS X
- *Tools*: Vim/vi, git, Postgres, MySQL, Puppet, Apache

Personal Projects

- [newcoder.io](#): Five extensive Python tutorials for the new coder.
- [salar.ly](#): Provides users to browse all salaries of foreign-born US residents.

Experience

Associate Software Engineer - Red Hat

October 2012 – present

- Develop and contribute to [freelPA](#), an open-sourced, Linux-based identity management system written in Python.
- Integrate freelPA into key Open Source projects, including [OpenShift Origin](#), [OpenShift Enterprise](#), and [OpenShift CLI tools](#).
- Create better installation tools for freelPA with provisioners like [Puppet + IPA](#), and [Vagrant + IPA](#), as well as [Puppet + OpenShift + IPA](#) and [Vagrant + OpenShift + IPA](#).
- Design and implement features to better improve IPA for integration projects.
- Act as an ambassador between Open Source projects and freelPA to improve communication, implementation, and community.

Developer & Statistician - Harvard University

Summer 2012

- Developed and migrated a MySQL database of previous and future Harvard CS50 students' demographic and registrar information.

- Developed front- and back-end website in Drupal for students and staff for the purpose of problem set survey and form rendering and capturing.
- Rewrote and updated Python API wrapper for the online form service, WuFoo.

Web Developer, Independent Contractor

Backend Django + JavaScript web development for [ActiveFrequency](#) and [FTW Group](#).

Technical Talks

- [PRISM-as-a-Service: Not subject to American law](#) – PyCon Canada 2013, PyCon Ireland 2013
- [Introduce Django to your Old Friends](#) – DjangoCon Europe 2013, EuroPython 2013
- [Sink or Swim: 5 life jackets to throw to the new coder](#)– PyCon 2013, EuroPython 2013
- [Avoid Drowning: Swim your way through a new code base](#) – Women Who Code 2012

Education

Bachelor's of Science, Business Management

May 2008, Babson College, Wellesley, MA

- Concentrations: Economics, Finance
- Activities: VP Finance, Sigma Kappa; Resident Assistant; Building Manager for Campus Center; Swimming & Diving team

Additional Coursework

- Intensive Introduction to Computer Science, Harvard University, Fall 2011
- Linear Algebra, Brigham Young University, Summer 2010