

Lynn Root

249 Duboce Avenue
Apartment 5
San Francisco, CA 94103

T 425.442.3387

lynn@lynnroot.com
lynnroot.com
github.com/econchick

TL;DR	Backend engineer developing APIs for partnership integrations at Spotify; fellow and board member of the Python Software Foundation ; BDFL of PyLadies & founder/leader of San Francisco PyLadies ; frequent speaker at Python-centric conferences
Skills	Languages: Python (advanced), Java (basic) JavaScript (basic), Ruby (basic), SQL (basic) Operating Systems: Linux (Ubuntu/Debian, Fedora/RHEL), Mac OS X Tools: Vim, git, Puppet, Vagrant, Jenkins, Travis, Postgres, MySQL, Apache,
Projects	RAMLfications: Python reference implementation of the RESTful API Markup Language newcoder.io: Five extensive Python tutorials for the new coder. pyladies kit: Python package for starting up your own local PyLadies salar.ly: Provides users to browse all salaries of foreign-born US residents. karmawho.re: Visualize your comment karma collected from reddit.com
Experience	Backend Engineer, Spotify, San Francisco, CA – 2014–Present Develop and maintain the backend of integration projects (both Python and Java), including Facebook sign up and login, Uber integration, Coachella media bar. Developed and released the Spotify developer API console. Open sourced and maintain RAMLfications. Partner Engineer, Spotify, San Francisco, CA – 2013–2014 Developed technical solutions for strategic partnership integrations. Worked with external engineers in using our web APIs and mobile SDKs. Associate Software Engineer, Red Hat, Mountain View, CA – 2012–2013 Developed and contributed to freeIPA, an open-sourced, Linux-based identity management system written in Python. Integrated freeIPA into open source projects, including OpenShift Origin, OpenShift Enterprise, and OpenShift CLI tools. Created better installation tools for freeIPA with provisioners like Puppet and Vagrant. Developer & Statistician, Harvard University, Cambridge MA – Summer 2012 Developed and migrated a MySQL database that houses previous and future Harvard CS50 students' demographic and registrar information as well as edX online students, a joint venture between Harvard and MIT. Rewrote and updated Python API wrapper for the online form service, WuFoo.

Education

[Babson College, Wellesley, MA](#) – BS in Business Management, 2008

Technical Talks

Keynote: Spotify & Python: How the Streaming Services Uses Python

PyTennessee 2015, Nashville

Python Brasilia 2014, Porto de Galinas

For Lack of a Better Name(server): DNS Explained

PyCon 2014, Montreal

How to Spy with Python: So Easy the NSA Can Do It

PyData 2014, Silicon Valley

PyData 2014, Berlin

PRISM-as-a-Service: Not Subject to American Law

Keynote, PyCon Ireland 2013, Dublin

PyCon Canada 2013, Toronto

Keynote: Open Source your Education

PyCon Finland 2013, Espoo

Introduce Django to your Old Friends

DjangoCon EU 2013, Warsaw

EuroPython 2013, Florence

Five Life Jackets to Throw to the New Coder

EuroPython 2013, Florence

PyCon 2013, Santa Clara

Technical Writings

[Explain like I'm 5: Kerberos](#) - attempt at defragmenting documentation with some visual aids and digestible language.

[Explain like I'm 5: DNS](#) - brings the reader from an ephemeral understanding to more comfort when working with DNS.

Red Hat/freeIPA-related:

[OpenShift Broker + mod_auth_kerb for IdM/IPA](#)

[OpenShift Broker + IPA with Dynamic DNS and GSS-TSIG Updates](#)

[OpenShift Enterprise with IPA and Windows Active Directory](#)