Larissa Feng

www.larissafeng.me • hello@larissafeng.me

Technical Skills

LANGUAGES
Python
Ruby
JavaScript
HTML/CSS
C/C++

FRAMEWORKS & PLATFORMS
Flask
Django
Bootstrap
Ruby On Rails

DATA
JSON
YAML
MongoDB
MySQL
Redis

PRODUCTIVITY
Bash
Git
Mercurial
Vim
Visual Studio
Sublime Text

** All sections in decreasing order of proficiency or current use.

Work Experience

FACEBOOK (Sept – Dec 2016)
Production Engineering Intern

Working on one of the largest Traffic Infrastructure teams in the world, I independently built and iterated on a DNS DDoS attack mitigation pipeline.

- Designed and implemented streaming algorithm to analyze DNS logs, recognize an attack, and make decisions on how to respond in real-time.
- Created and integrated extra components to internal systems to allow for automated deployments of DNS configuration changes in response to DDoS.
- Wrote extra DDoS mitigation features into DNS server.
- Built out logging and monitoring to enable relevant analysis and dashboards.

SHOPIFY (May – Aug 2016)
Software Development Intern

I worked on the Shipping team, helping bring more postal carriers and a better shipping experience to merchants on the Shopify platform.

- Designed and implemented in-house Canada Post Rate Card system, decreasing shipping rate lookup time by over 100%.
- Executed on critical tasks for launch of the Canada Post integration to Shopify Shipping, which now helps streamline shipping and product delivery to over 21,000 merchants across Canada.

MICROSOFT (Jan - Apr 2016)
Software Engineering Intern

In a team of 4, I worked in an Agile environment to bring an XBox One app through a full release cycle: design, implementation, testing, and submission.

- Lead the team in a hybrid Scrum Master/Product Owner role by assessing risk, removing blockers, prioritizing work items, and acting as the main point of contact for the project.
- Designed and implement a CMS in ASP.NET MVC, using C#, JavaScript, and Bootstrap, while interfacing with Azure SQL Server and Azure Blob Storage.
- Wrote an Xbox client API handler, as well as parts of the app telemetry system.

DEMONWARE (ACTIVISION) (Sep 2014 - Aug 2015)
Software Development Intern

As a member of the Title Development Team, my work entailed ensuring that Activision studios would ship their games with solid online features.

- Developed/maintained distributed server-side applications as well as their RESTful APIs, written primarily in Python and C++.
- Spearheaded a rewrite of Demonware's Django-powered XSLT to C++ code generation client interface.

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Community Involvement

LADIES LEARNING CODE (Sep 2015 - Present)
Workshop Mentor

Ladies Learning Code provides a wide variety of coding-based workshops and events geared towards women. I've provided mentoring at beginner's Python, HTML, and CSS workshops.

Personal / Open Source / Hackathon

MUZIKTEXT (Apr 2016)
GitHub: NoaAvigad/MuzikText

Apache Cordova app that won Microsoft + Muzik's MuzikHack. Lets you listen to and respond to texts from your headphones.

- Implemented ability to respond to texts using the headphone microphone, hotkeys, and Muzik Cordova plugin.
- Developed intuitive UX for receiving, hearing, and sending off texts by using Text-To-Speech, Speech-To-Text, and swipe detection on the Muzik headphones.

INSTANT MUSIC DOWNLOADER (OCT 2015)
GitHub: yask123/Instant-Music-Downloader

Interactive Python tool that takes song lyrics and uses Beautiful Soup to find and download the relevant song from the internet.

- Implemented handling of command line arguments to allow for running the tool as a background process.
- Added functionality to handle common input flags: the tool now has a quiet mode, can turn off prompts, and accept a list or a file name.

HACKING DIABETES (Jun 2-3, 2014)

Blood glucose monitoring system that won the e-Health Award for Advancement in Healthcare Technology at Hacking Health Vancouver.

- Implemented e-mail, phone, and app notifications to be sent when blood glucose levels dropped.

Hobbies & Interests

Hackathons - Past hackathon participation includes 3 Global Game Jams, Hacking Health, and Vancouver Startup Week.

Street Dance - Hip Hop, Dancehall, and Popping in particular.

Recursive Humour - For an example of recursive humour, please refer to the bottom of this resume.