

Larissa Feng

hello@larissafeng.me

Technical Skills

LANGUAGES

Python
Ruby
JavaScript
C/C++

FRAMEWORKS

Ruby On Rails
Sinatra
Django
Flask

MESSAGING

AWS SQS / SNS

DEVOPS

AWS Elastic Beanstalk
Docker
CircleCI

PRODUCTIVITY

Bash
Git
Vim
Visual Studio
Sublime Text

MISC

Google Chrome Extensions
Slack Integrations
Twilio API

Work Experience

WEALTHSIMPLE (May - Aug 2017)

Software Development Intern, UK

Dove into one of the few cross-functional teams at Wealthsimple to help the growing startup launch into their 3rd jurisdiction: the UK!

- Delivered on a variety of full-stack tasks critical to launch, including implementation of core features across 8+ microservices, automated support for Client Success operations, working with AWS SNS, SQS, and Elastic Beanstalk, and front-end polish.
- Independently conceived of and implemented an internal Slack integration that was immediately adopted as a company DevOps productivity tool.

FACEBOOK (Sept - Dec 2016)

Production Engineering Intern, Traffic

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.
- Contributed additional DDoS mitigation features to a well-known open-source recursive DNS server.

SHOPIFY (May - Aug 2016)

Software Development Intern, Shipping

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, Garage

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, 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.

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Personal / Open Source / Hackathon

SET REPO MESSAGES (June 2017)

GitHub: [mondayrain/set-repo-messages](#)

Slack integration and Chrome extension pairing that allows teams to set visible messages for GitHub repositories with Slack slash commands.

- Tool adopted at Wealthsimple as official company DevOps tool.
- Developed Slack server using Flask and Chrome extension to manipulate the page DOM when a pull request belonged to a relevant GitHub repository.

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, Popping, and Locking in particular.

Music Production - I am currently learning how to use Ableton Live!

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