

# Larissa Feng

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## Technical Skills

### LANGUAGES

Python  
Ruby  
JavaScript  
C/C++  
BASH

### FRAMEWORKS & PLATFORMS

Ruby On Rails  
Django  
Flask  
AngularJS  
React  
WordPress  
Hugo  
Jekyll

### DATA

MySQL  
MongoDB  
GraphQL

### DEV/OPS

AWS  
Jenkins  
Docker  
LXC

### MISC

Google Chrome Extensions  
Slack Integrations  
Twilio API

## Work Experience

**WEALTHSIMPLE** (May - Aug 2017 Intern, Jan 2018 - Present)  
*Software Developer, UK*

I'm currently a member of one of the few cross-functional teams at Wealthsimple, where we're quickly growing into our 3rd jurisdiction: the UK!

- Continuously deliver on a variety of full-stack tasks critical to growth, 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 Developer 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

### THE COLOUR PROJECT (2017 - Present)

CTO / Lead Developer

The Colour Project is a non-profit organization aiming to provide peer support for mental health challenges through an anonymous, text-based system. As CTO, my current duties include:

- Leading the ideation, architectural design, implementation, and testing of all technical aspects in coordination with other developers, the project designers, and our founders.
- Maintaining a robust and anonymous text-based peer-support system using Twilio, Django, and AWS SNS/SQS.
- Managing all system administration duties, including deployment, DNS and HTTPS, handling alarms and monitoring, and so on.

### MUZIKTEXT (Apr 2016)

GitHub: [NoaAvigad/MuzikText](https://github.com/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](https://github.com/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.

## Hobbies & Interests

**Street Dance** - Hip Hop, Dancehall, Animation, and Locking in particular.

**Music Production & Composition** - My original and life-long artistic endeavour.

**Literature** - I run a small book club, and also follow the Slate's Audio Book Club semi-religiously. See my past and current [reading list here!](#)

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