Greenmarket App Development Volunteer Job Description
Greenmarket, a program of GrowNYC
100 Gold St, Suite 3300
Email Liz Carollo at lcarollo@grownyc.org

About Greenmarket

Greenmarket's mission is to promote regional agriculture and ensure a continuing supply of fresh local produce for all New Yorkers. Greenmarket supports farmers and preserves farmland for the future by providing regional, small family farmers with opportunities to sell their fruits, vegetables and other farm products to New Yorkers. Greenmarket is a program of GrowNYC, a nonprofit organization.

Each week, over 130 farmers, bakers, beekeepers, fishermen and other producers come to the Union Square Greenmarket with the food that they grow, raise, bake or catch, and sell directly to New Yorkers at GrowNYC's flagship market – the largest producer-only market on the East coast.

App Development Unpaid Volunteer Description

In 2013 our team designed the Union Square Greenmarket mobile applications with the goal of helping customers find the products they want, and learn about the farmers and producers that supply them.

Download from the iOS App Store or Download from the Google Play Store

These apps have been downloaded over 15,000 times!

We are a deliverable-driven team that communicates and tracks work via GitHub Issues. We meet in person once a month.

We're looking for motivated iOS, Android, and Ruby on Rails engineers to volunteer 10 to 15 hours of their time each week to and help us complete some of the new and exciting functionality we're looking to add to the platform over the next few months.

Our stack is composed of the following components:

- iOS application (written in Objective C)
- Android application
- Ruby on Rails 4.2

As a volunteer team member, you will:

- Work from the location of your choice during the hours of your choice
- Participate with the team on GitHub
- Provide input on new platform features including design, implementation and prioritization
- Fix bugs on one or more components

Some upcoming tasks may include:

- Modernizing our codebase
    - Assess refactor / re-implementation in Swift
    - Assess and upgrade 3rd party libraries
- Integrate a map library e.g. Google Maps or Open Street Maps
- Integrate/implement a method which enables farmers to advertise products on the platform

This is just a taste -- we have plenty of exciting work in the pipeline across all platform components.

Benefits to being a Volunteer at Greenmarket
- Possible reference / credit for student interns
- Receive a behind-the-scenes look at the NYC local food system
- Gain practical experience working on a popular and diverse application platform in production
- Support a NYC-based non-profit with your expertise and time
- Work with a great team of like-minded individuals

Qualifications
- Interest in farmers markets and/or related issues – including public health, nutrition, food access, food systems, and sustainable agriculture
- Independent and deliverable-driven with strong communication and teamwork skills
- Comfortable with integrating external libraries e.g. 3rd party / open source with respective framework.

Component-specific qualifications are listed below:

iOS Developers
- Mobile application experience with the Swift [primary] and Objective C [secondary] languages
- Ideally also familiar with migrating apps from Objective C to Swift

Android Developers
- Mobile application experience with the Java language and Android libraries

Ruby on Rails Developers
- Experience wtih Ruby on Rails 4.2
- Ideally also familiar with migrating RoR 4.x to 5.x
- Experience integrating AWS S3 with RoR

Does this sound interesting to you?   If so, we'd love to hear from you!

Please submit your resume to Liz Carollo at lcarollo@grownyc.org and write **Greenmarket App Development Volunteer** in the subject line.   Also let us know which component(s) you are interested in working on (iOS / Android / RoR).   Thank you and we look forward to hearing from you!

Please note that this is an unpaid opportunity and we are looking for volunteers to work 10 to 15 hours a week for three or more months. Applications are due June 1, 2017. GrowNYC is an Equal Opportunity Employer.