



## Android Coding Exercise

### Overview

Brightwheel uses internal and third party APIs extensively throughout our platform to process and store data, and manage communication to end users. The goal of this exercise is to consume a third-party API and display the data according to the specifications outlined below. This exercise is meant to assess your code quality, use of object oriented principles, as well as knowledge of the Android platform.

Please try to timebox your effort to no more than three hours.

### Exercise

**Build an Android app that uses the Github REST api <https://developer.github.com/v3/> to display a list of the 100 most starred Github repositories, as well as their top contributor.**

Provide us the link to your final product as a cloneable repo on Github or Bitbucket, and any special installation instructions in a README.

### Implementation Details

- Feel free to use any third-party libraries you'd like. But please document why you used them and where. Please also be ready to answer questions about your use of these libraries.
- Please organize, design, document and *test* your code as if it were going into production.

### Bonus Points

You'll receive bonus points for interesting UI, well-written documentation, and anything you do that goes above and beyond the implementation requirements.

### How We Review

- **Functionality:** Does the app do what we asked?
- **Code Quality:** Is the code easy to understand and maintainable?
- **Technical Choices:** Do your choices of libraries, architecture, etc. seem appropriate for the chosen app?

*Thanks for working on this! We're looking forward to hearing from you!*