



Hackathon ToolKit: [The Code Ship](#)

Github Student Development Kit: <https://education.github.com/pack>

## Suggested Editors:

*Syntax and Code Highlighting*

Atom.io from Git <https://atom.io/>

Notepad++ <https://notepad-plus-plus.org/download/v7.html>

Sublime Text <https://www.sublimetext.com/>

Jetbrains (free for students): <https://www.jetbrains.com/>

## Wireframing and Mockups:

*For those looking to quickly layout their app/webapps look and feel*

Moqups: <https://moqups.com/>

Basalmiq: <http://www.balsamiq.com/>

Invision: <https://www.invisionapp.com/>

OmniGraffle: <https://www.omnigroup.com/omnigraffle/preview/>

Bootstrap Studio: <https://bootstrapstudio.io/>

## Fun APIs and Programs:

If This Then That (making web recipes and manipulating the internet): <https://ifttt.com/>

Twilio (messaging and notifications): <https://www.twilio.com/docs>

StdLib: <https://docs.stdlib.com/overview/introduction/>

Mailgun (Email API (free for students)): <https://documentation.mailgun.com/en/latest/>

Spotify: <https://developer.spotify.com/documentation/web-api/>

Reddit: <https://www.reddit.com/dev/api/>

Twitter: <https://developer.twitter.com/en/docs>

Facebook: <https://developers.facebook.com/docs>

Snapchat: <https://developers.snapchat.com/api/docs/#introduction>

Instagram: <https://www.instagram.com/developer/>

Google Cloud: <https://cloud.google.com/apis/docs/overview>

Google Maps: <https://cloud.google.com/maps-platform/>

Blockchain: <https://www.blockchain.com/api>

Paypal: <https://developer.paypal.com/docs/api/overview/>

Yelp: <https://www.yelp.com/developers>

Sound Cloud API: <https://developers.soundcloud.com/>

MusixMatch API: <https://developer.musixmatch.com/documentation>

## **Image Editing:**

Gimp - <https://www.gimp.org/>

Inkscape - <https://inkscape.org/en/>

## **Cloud Platform Offerings:**

### **IBM Cloud & Internet of Things**

<http://www.ibm.com/cloud-computing/bluemix/internet-of-things/>

Check out the tutorials and watch the video. IBM developers will also talk about it more during the Hackathon - so have your questions ready.

Try out Bluemix for a 30-day free trial.

**IBM Bluemix is IBM Cloud, to connect your IoT device to any server application.**

Sign up for a free trial: [ibm.biz/nycbluemix](http://ibm.biz/nycbluemix)

It supports all popular languages, can host your application easily, and easily connect any popular database to your application.

### **Code Patterns**

<https://developer.ibm.com/patterns/>

## **Visual Programming Tools:**

<https://appery.io/>

<https://bubble.is/>

<https://www.snappii.com>

<https://www.nodered.org>

## **Mobile Apps**

*Ionic (w/ Angular)* <https://ccoenaerts.github.io/ionic-tutorial/>

React Native <https://facebook.github.io/react-native/>

Flutter <https://flutter.dev/>

## **Planning Tools**

Trello - <https://trello.com/>

## **Scaffolding Tools**

*Many tools exist for “scaffolding” a project, some include:*

Yeoman - <http://yeoman.io/learning/index.html>

Fullstack Generator - <https://www.npmjs.com/package/fsg>

## **Hosting/Deployment**

*Free accounts can be created to deploy a web app quickly:*

Heroku - <https://devcenter.heroku.com/>

## **Open Datasets**

<https://www.data.gov/>  
<https://opendata.cityofnewyork.us/>  
<https://kaggle.com>

**CODE OF CONDUCT:** <http://hackcodeofconduct.org/>

*Opportunities:*

Link to Global Entrepreneur Program (GEP) Sign Up >>> <http://www-01.ibm.com/software/info/ecod/cloudoffer/startup.html?cmp=idr&cpb=idr&ct=idroth&cr=digitalny&cm=s&ccy=zz>