

# List of useful tools for the week-end

## Wireframes

Drawing quick wireframes for describing your UI and UX.

- [Mogups](#)
- [Basalmiq](#)
- [Invision](#)
- [Axure](#)
- [OmniGraffle](#)
- [Easel.io](#)
- [iPhone mock up \(for iOS apps\)](#)

## File sharing

- [Dropbox](#)
- [Google Drive](#) - Use Google Drive as a communication and organizational tool to keep the team on the same page.

## Project management

Organizing, prioritizing and assigning tasks to the team.

- [Trello](#)
- [Plan.io](#)
- [Kanbanize](#)
- [Jira](#)
- [Asana](#)
- [Wunderlist](#) todo list
- [www.todoist.com](#) todo list

## Image editing

- [Photoshop](#)
- [Gimp](#)
- [Illustrator](#)
- [Inkscape](#)
- [Sketch](#)
- [Pixelmator](#)

## Design

Here are some resources that can help in coming up with a decent design implementation:

- [9 Quick Wins for a Halfway Decent Design](#)
- [Bootstrap Zero](#) - Free Bootstrap templates themes
- [HTML5 UP](#)
- [UX Archive](#) - UX and UI inspiration from top apps.
- [Start Bootstrap](#) - Free Bootstrap starter templates for different types of sites. A good place to start and build upon

## Fonts

- [Google fonts](#)
- [Fontface.me](#) - Collection of gorgeous Arabic fonts available for free
- [Font Pair](#) - Helps you in pairing google fonts together
- [100 Days of Fonts](#) - A great place to find beautiful combinations and usages of Google Fonts and color schemes
- <http://www.dafont.com/>

## Icons

- [Font Awesome Icons](#) - Collection of easy to use SVG icons available as CSS classes
- [The Noun Project](#) - Thousands of icons useful for your hacks
- [Icon Monstr](#) - Great icon sets for just about anything
- [Icon Moon](#) - High-quality and varied icon fonts and icon packs
- [Free Icons](#)

## Backgrounds

- [Geopattern](#) - Generate SVG patterns for backgrounds
- [Trianglify](#) - Javascript library for generating colorful triangle meshes that can be used as SVG images and CSS backgrounds
- [Subtle Patterns](#) - background images (high quality and open sourced)

## Colors

- [Colors](#) - color palette for the web
- [Adobe Color CC](#) - Another palette generator

## Cool CSS effects

- [Creative Link Effects](#)
- [Medium scrolling effect](#)
- [Creative button styles](#)
- [Icon hover effects](#)

## Design & Inspiration:

- [Pattern Tap](#) - Can't figure out how to lay out your navigation or show thumbnails? Pattern Tap has a collection of examples for almost every control and web design pattern.
- [Pptrns](#) - Same as Pattern Tap but for mobile design patterns. (iOS and Android)
- [Stock Photos That Don't Suck](#) - Free stock photos
- [User Inter Faces](#) - A database of profile pictures for mockups and demos (many can be used on live websites as well)
- [Graphic Burger](#) An array of design resources such as: Mock-ups, UI Kits, Icons, Backgrounds, etc.
- [Codrops](#) UI design inspiration

## Version control

Git is an indispensable CVS that your programming team should be aware of. You can host your project for free on both [Github](#) and [Bitbucket](#), then use whatever service your team is most comfortable with.

Git presents lots of benefits including:

- Merging updates from different team members can be much faster and organized
- Deploying your product online is easier with git especially if you use a PaaS service such as Heroku (more on that below)
- Rolling back and forth between versions, this could be a lifesaver in some cases. Make sure to commit often.

[TryGit](#): a great way to learn how to use Git

## Documentation

Download and use documentation offline. There are some interesting desktop apps that enable you to cache, read and search through your favorite docs. Two great apps are [Dash](#) (Mac OS only) and [Zeal](#) (Cross-platform).

## Code libraries and frameworks

### Front-end web UI and Responsive Grid systems

- [Bootstrap 3](#)
- [Foundation](#)
- [Materialize](#) - Provides a full implementation of the Google material design, including a responsive grid
- [Chopstick](#)
- [Twitter Bootstrap](#) - Add a class name to buttons, forms, quotes, etc. and they will instantly look pretty. No need to write your own CSS for everything. You can also easily create tooltips, Modals and dropdown menus
- [Cody House](#) - A free library of very useful HTML, CSS, and JS nuggets with comprehensive tutorials.
- [Boot Snipp](#) - Free Bootstrap code snippets for design elements. Similar to Pattern Tap but with provided code.

Less fully-featured frameworks include:

- [Skeleton](#)
- [Neat](#)

### Core Javascript libraries

- [jQuery](#)
- [jQuery UI](#)
- [KnockoutJS](#)

### Javascript frameworks

- [AngularJS](#)
- [EmberJS](#)
- [Meteor](#)

### UI Control Libraries

- [Selectize](#)
- [Drop.js](#) - The fast and capable dropdown library
- [Scroll Reveal](#) - Easily reveal elements as they enter the viewport
- [NProgress.js](#) - Slim progress bars like on YouTube and Medium
- [Hover](#) - Awesome CSS3 animations on mouse hover. A CSS3 Animation hover effects library. A quick and useful way to add a layer of polish to your interactions
- [jQuery Raty](#) - Star Rating Plugin
- [xEditable](#) - In-place editing with Twitter Bootstrap, jQuery UI or pure jQuery
- [Alertify](#) - Sweet looking alerts and browser dialogs
- [UI Box](#) - Curated HTML, CSS, JS UI Component Library
- [Masonry](#) - Cascading grid layout library. Create a pinterest like layout

## Charting libraries

- [Google Charts](#)
- [High Charts](#)
- [CanvasJS](#)
- [Chartist.js](#)
- [FlotJS](#) - Lightweight and comes as a jQuery plugin so integrates well if you're using jQuery
- [AMCharts](#)
- [D3JS](#)
- [Cubism](#) - Create TimeLine visualization of data.
- [Angular-chart](#) - Mainly useful if you're already using Angular. Allows you to build reactive charts
- [Ember Charts](#) - If you're using Ember already as a framework of choice

## Mapping libraries

- [Google maps API](#)
- [Mapbox](#)
- [Open Street Map](#)
- [LeafletJS](#)
- [Open Layers](#)
- [Data Maps](#)
- [Bing Maps API](#)
- [Kartograph](#)

## Backend

- [Sinatra](#) - easy to use, but you have to learn ruby setup your database
- [Meteor](#) - new way to code, quite easy to learn. You can write back end code in javascript
- [Heroku](#) - Deploy your app to heroku. It's free, supports ruby, nodejs, static files, and a few other languages
- [Express](#) - Express is built on NodeJS framework
- [Firebase](#) - use Firebase to store all your data. No need for back end!
- [Parse](#)
- [Backendless](#)

## Hosting

- [Windows Azure \(web and mobile\)](#)
- [DotCloud](#)
- [Parse \(backend data and mobile\)](#)
- [Linode](#)
- [Amazon EC2](#)
- [Digital Ocean](#)

## Web application hosting

- [Heroku](#)
- [Google app engine](#)
- [Open Shift](#)
- [ngrok](#) - A reverse tunnel. Run a server locally in any language and give it a public domain. Good for testing and demoing

## Surveys

- [Google Docs Forms](#)
- [SurveyMonkey](#)

## The Presentation

- [Google Slides](#)
- [Prezi](#)
- [Keynote](#)
- [SlideRocket](#)
- [RevealJS](#) - A framework for easily creating beautiful presentations using HTML
- [How to present a successful hackathon demo](#)
- [Top 5 tips for presenting at hackathons](#)
- [Top 10 ways to improve hackathon presentations](#)
- [Pitcherific](#) - helps with preparing and rehearsing your pitches

## Learn To Code Resources

- [Codecademy APIs](#) - get up and running on APIs in no time
- [Learn Ruby The Hard Way](#)
- [Vim for Rails Developers](#) - learn to edit your Ruby on Rails code easily

## Text/Code Editors/IDE

- [Sublime \(for Mac, Windows, Linux\)](#)
- [Textmate](#) - for Mac.
- [Komodo Edit](#) - for Mac, Windows and Linux
- [TextWrangler](#) - for Mac
- Notepad++ <https://notepad-plus-plus.org/>
- [Code Pen](#) - An HTML, CSS, and JavaScript code editor in your browser with instant previews and tons of snippets and inspiration
- [LiveRoad](#) - A Great IDE for design is very helpful. Write html/css and renders the view in real time
- [BrowserSync](#) - Time synced browser testing. Useful when sharing a design to teammates and on multiple devices. Usually used with [gulp](#) or [grunt](#) watch tasks
- [Atom](#) - An open source and customizable programming IDE for just about anything

## Mobile Development - for mobile app building:

- [JQuery Mobile](#)
- [Titanium](#)
- [Phoneygap / Appcelerator \(Titanium\)](#) - Write mobile apps with HTML/CSS/Javascript. There are plugins available for almost everything. (Camera, video, and most of the APIs described above for web Tools)
- [Parse](#) - real time push notification, a database/back end solution
- [Xcode \(iOS\)](#)
- [AppCode \(Xcode alternative\)](#)
- [Eclipse \(Android\)](#)
- [Tiggzi \(mobile development platform\) / Tiggzi's offer for Mashery developers](#)

## Machine learning / IA

- IBM Watson <http://www.ibm.com/watson/developercloud/visual-recognition.html>
- TensorFlow [https://www.tensorflow.org/tutorials/image\\_recognition/](https://www.tensorflow.org/tutorials/image_recognition/)
- Torch <http://torch.ch/>

## Sources:

<http://thecodeship.com/general/hackathon-toolbox-essential-tools-practices/>

<https://www.mashery.com/blog/how-rock-your-first-hackathon-tools-and-resources>

<http://nyhackathons.com/tools/>

<https://tokbox.com/blog/having-fun-at-startup-weekend/>