

Code First: Girls Beginners Course Software, Tools & Services

Software / Tool / Service	Information / Need to Know	Online Resources, Links that cover need-to-know
CodePen	<p>CodePen is an online in-browser editor. We'll be using it for demos. Read/watch links.</p> <p>Demos will be provided, but feel free to make/share your own.</p> <p>Demos in the pre-course preparation will be: http://codepen.io/MyCarrera/pen/GpKwxO - intro http://codepen.io/akm2/details/rHlsa/ - an example of the things front-end languages can achieve (what they can achieve with practice)</p> <p>An alternative is JSFiddle, but they're about the same and Codepen has better UX and a bigger community</p>	<p>http://codepen.io/hello/</p> <p>In videos: What: https://vimeo.com/66335155 Pen Settings (e.g. adding external stylesheets & scripts): https://vimeo.com/127474764</p>
GitHub	<p>We'll be teaching girls about collaborative development and version control. We won't be introducing the command line (until the 5th session, as an aside/intro for people who want to get more into development), but we will be covering basics - e.g. what is a repository? what is a README? what is a pull request? See links.</p>	<p>Basics: https://guides.github.com/activities/hello-world/ https://guides.github.com/introduction/getting-you-r-project-on-github/ https://guides.github.com/</p> <p>More: https://guides.github.com/activities/contributing-to-open-source/ https://guides.github.com/features/mastering-markdown/</p>

GitHub Desktop Client	This will save us from having to throw people into the deep end with the command line, although it will be introduced in session 5. The reason for this is that they will be learning 3 languages and peeking under the hood for the first time all at once, it's a little bit overambitious for 5 weeks, and we need to get them started with the core concepts of version control & collaborative development first	Download link (only for Windows & Mac): https://desktop.github.com/ If they have Linux, just send them this link https://help.github.com/articles/good-resources-for-learning-git-and-github/ They should be perfectly fine.
GitHub Pages	We'll be hosting our websites on GitHub. A guide is in links, you will be troubleshooting this. Fancy front page is https://pages.github.com/	https://guides.github.com/features/pages/
General Assembly Dash	Free in-browser tutorials from GA.	https://dash.generalassemb.ly/projects
Chrome	Chrome is a free web browser provided by Google. It comes with a good set of developer tools that we will be using over the course. Firefox also comes with an excellent set of developer tools (via its firebug extension). There doesn't seem to be much between Chrome and Firefox+firebug as far as the tools we'll be using go. The decision to recommend Chrome was fairly arbitrary, but means that everyone will be using the same software.	https://www.google.com/intl/en/chrome/browser/
Sublime Text	A text editor that's really good for front-end web dev We have chosen it as our recommended editor as it: (a) gives a good user experience on all common platforms; (b) is easy to get started with; and (c) can be easily customised when they get more advanced.	http://www.sublimetext.com/