

App Building Resource

Although people are free to choose their own framework and language, below are some resources for people who are new to app development or familiar with the frameworks and applications mentioned below. Also the frameworks and languages suggested below are based on our knowledge and experience with these, however there are more frameworks available for these languages, so feel free to use.

Python people to look for on the day: Terrence Szymanski Nakul Bajaj Pruthvi Shivang Kumar Elma O'Sullivan-Greene

R people to look for on the day: Xiaoxi Ivan Liu

Javascript people to look for on the day: Liam Chenoweth Shivang Kumar Pruthvi Danilo Ramirez Ivan Liu Keith Ferguson till 12:30 PM

Python:

1. Flask
 1. Official site and tutorial: <http://flask.pocoo.org/>
<http://flask.pocoo.org/docs/1.0/tutorial/>
 2. Online Tutorials : <https://pythonspot.com/flask-web-app-with-python/> ; <https://code.tutsplus.com/tutorials/creating-a-web-app-from-scratch-using-python-flask-and-mysql--cms-22972>
 3. Online Course : <https://www.udemy.com/python-flask-tutorial-step-by-step/>
2. Django
 1. Official Tutorials:
 1. <https://docs.djangoproject.com/en/dev/intro/tutorial01/>
 2. <https://code.djangoproject.com/wiki/Tutorials>
 2. Online Tutorial: <https://www.youtube.com/playlist?list=PL6gx4Cwl9DGBImzzFcLgDhKTTfNLfX1IK>
 3. Online Course: <https://www.udemy.com/python-and-django-full-stack-web-developer-bootcamp/>
3. Dash
 1. Official Tutorials:
 1. <https://dash.plot.ly/getting-started>
 2. Online Tutorials:
 1. <https://www.youtube.com/playlist?list=PLQVvva0QuDfsGImWNt1eUEveHOepkqt>

R:

1. Shiny
 1. Official site: <https://shiny.rstudio.com/>
 2. Official site tutorial: <https://shiny.rstudio.com/tutorial/>
 3. Shiny Dashboard: https://rstudio.github.io/shinydashboard/get_started.html
 4. Shiny JS: <https://deanattali.com/shinyjs/basic>
 5. Online Course : <https://www.udemy.com/r-shiny-apps/>; <https://www.udemy.com/getting-started-with-shiny/>; <https://www.udemy.com/advanced-shiny/>; <https://www.udemy.com/building-interactive-graphs-with-ggplot2-and-shiny/>

Javascript:

- React
 - Official site tutorial: <https://reactjs.org/tutorial/tutorial.html>
 - Quick tutorial if you have a little JS experience: <http://www.react.express/>
 - Courses: <https://www.lynda.com/React-js-training-tutorials/7049-0.html>
- Angular
 - Official site tutorial: <https://docs.angularjs.org/tutorial>
- JQuery
 - Official site: <https://jquery.com/>
 - Official site tutorial: <https://learn.jquery.com/about-jquery/how-jquery-works/>
 - Courses: <https://www.lynda.com/jQuery-training-tutorials/246-0.html>
- D3: <https://github.com/d3/d3/wiki/Gallery>
- AM Charts: <https://www.amcharts.com/demos/>
- JavaScript: <https://www.sololearn.com/Course/JavaScript>
- JavaScript: The Good Parts
 - <https://www.angusrobertson.com.au/books/javascript-the-good-parts-douglas-crockford/p/9780596517748>

You Don't Know JS (Advanced)

- You Don't Know JS - Scope & Closures (2014)
- You Don't Know JS - this & Object Prototypes (2014)
- You Don't Know JS - Scope & Closures (2014)
- You Don't Know JS - Async & Performance (2015)

HTML & CSS

- <https://www.sololearn.com/Course/HTML>
- <https://www.sololearn.com/Course/CSS>
- <https://getbootstrap.com/>

Collaboration:

- <https://education.github.com/pack> for free stuff
- <https://www.jetbrains.com/student/> for free licenses to JetBrains products
- <https://learngitbranching.js.org/>
- <https://lab.github.com/>