GRID-BASED LAYOUT

My Awesome Website
Headline!
Another Headline!

Courses

Search Course Information

CATEGORY

- All
- Data Science
- Web Development
- Software Engineering
- Android
- Georgia Tech Masters in CS
- Non-Tech Classes

SKILL LEVEL

- [ ] New To Tech
- [ ] Beginner
- [ ] Intermediate
- [ ] Advanced

- [ ] Free Trial Available

Intro to Computer Science

Beginner

PROJECT **Create and Analyze a Social Network**

Learn key computer science concepts in this introductory Python course. You'll learn by doing, and will build your own search engine and social network.

Intro to Java Programming

Beginner

Learn essential computer science and object-oriented programming concepts in this introductory Java course.

In collaboration with **San Jose State University**

Programming Foundations with Python

Beginner

PROJECT **Explore Python to Build Your Own Program**

Introductory programming class to learn Object Oriented Programming, a must-have technique to reuse and share code easily. Learn by making projects that spread happiness!

The New York Times

BMW i

The Ultimate Driving Machine®

Ukraine Orders Draft as Rebels Claim Aid of Russian Troops

By NEIL MacFARQUHAR 1:49 PM ET

President Petro O. Poroshenko's national security council reinstituted mandatory conscription, while a separatist leader said that up to 4,000 Russians had been fighting Ukrainian forces.

31 Comments

- **Over 1,000 Russian Soldiers Join Fight, NATO Says** 12:27 PM

LISTENING POST

In Taking On ISIS, Obama Faces Tricky

A burial team removes the body of an Ebola victim from an isolation ward in Monrovia, Liberia. Daniel Berehulak for The New York Times

Ebola Grips a Capital, Sowing Urban Chaos

By NORIMITSU ONISHI 2:49 PM ET

Monrovia has become, in a few short weeks, a major focal point of the epidemic, with the outbreak overwhelming the government of President Ellen Johnson Sirleaf of Liberia.

The Opinion Pages

Banker Accountability

Are the banks's multibillion-dollar settlements with the government enough to make up for financial wrongdoing?

ROOM FOR DEBATE

- **Editorial: Airstrikes in Syria**
- **Editorial: Timothy Wu for Lieutenant Governor**
- **Op-Ed: Dethrone 'King Dollar'**

PRIVATE LIVES

A Scandal at the C.I.A. Maybe.

People drop dead in hallways all the time. But suspicion makes for a much better story.

- **Blow: Bill O'Reilly and White Privilege**
- **Kristof: Is Everyone a Little Bit Racist?**
- **Boylan: Pizza and Parenthood**

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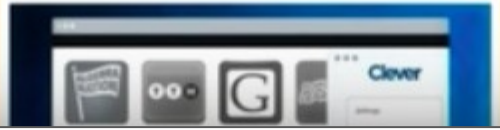
Today's Times Insider

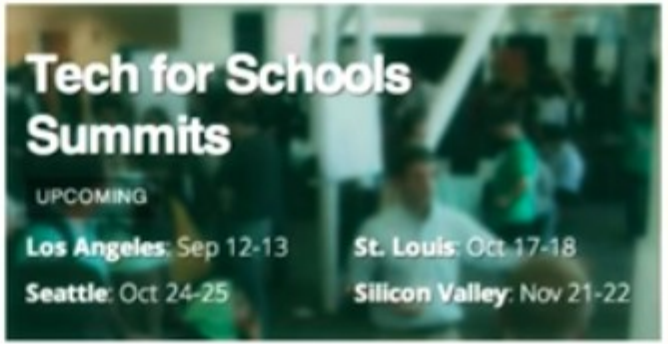
Behind the scenes at The New York Times

- **1963: The Beatles Get a Headline**
- **Reporting on the Front Lines in Ukraine**

Aug 27, 2014 | Charley Locke

My Brother's Keeper: How Can Data Empower Young Men of Color?





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Oakland, CA · KIPP Bay Area

Product and Marketing Director
San Francisco, CA · The School Fund

Grid-Based Layout

Grids enable stability and structure in a web layout, giving the designer a logical template to build the site on.

A grid is the division of a layout with vertical and/or horizontal guidelines to incorporate margins, spaces and columns in order to provide a framework for organizing content.

Grids aid in creating a uniform structure to start the design with.

Using a grid within your designs helps bring structure to your content and gives you a place to start from.

How to create your grids

Grids are a great way to line up items, keeping your designs clean, user-friendly, and streamlined.

Your grid can be as complex or as simple as you like. The more complex and elaborate your grid layout is, the more freedom you have within it. The simpler it is, the more room for interpretation there is. The choice is up to you.

Today
1920px
1440px

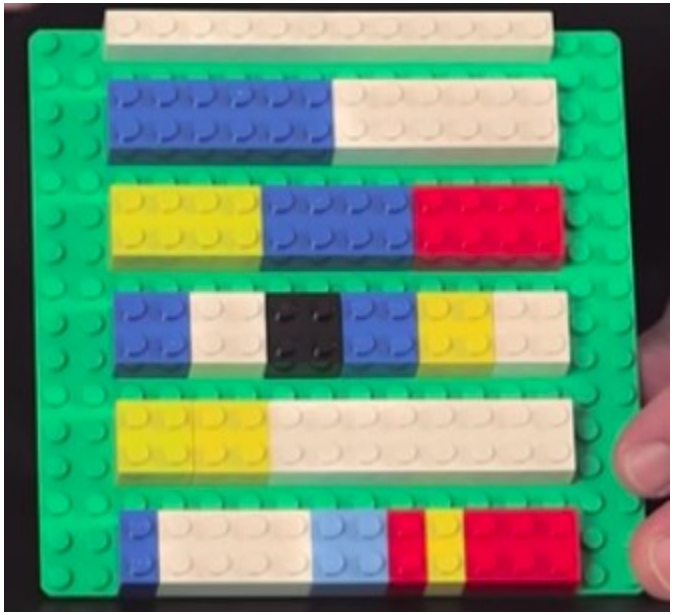
- Almost the same resolution as desktop

Previously
1024px
1200px

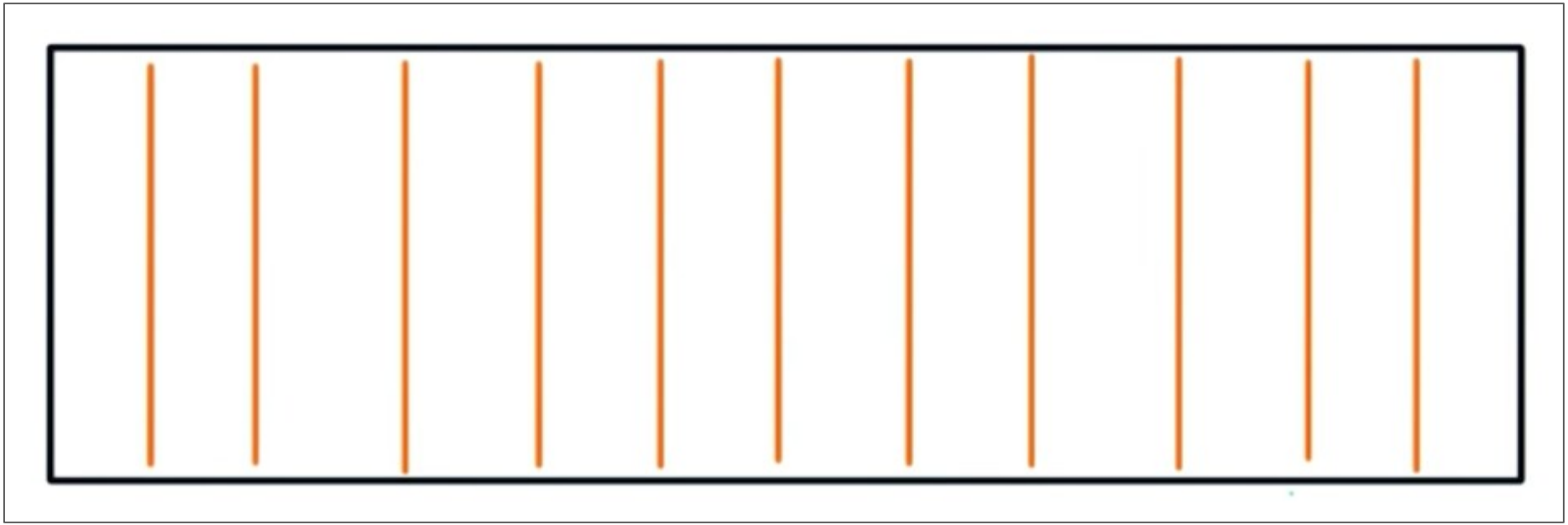
Max-width:
960px

- Resolution is similar to a small laptop
- Two orientations
- Thumbs!

- Hundreds of pixels wide
- Two orientations
- Thumbs!



12 Column Grid System



Dividing our page into 12 equal grids:

```
.col-1{width: 8.33%;}
.col-2{width: 16.66%;}
.col-3{width: 25%;}
.col-4{width: 33.33%;}
.col-5{width: 41.66%;}
.col-6{width: 50%;}
.col-7{width: 58.33%;}
.col-8{width: 66.66%;}
.col-9{width: 75%;}
.col-10{width: 83.33%;}
.col-11{width: 91.66%;}
.col-12{width: 100%;}
```

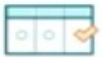
Negative Space

- Space that does not contain anything.
- We can create negative space by giving padding or margins to our elements.
- Margins push elements away from each other. While padding creates space internally.

What do Coaches do?

Dedicated support

You'll get a dedicated Coach who will be there for you during your entire course. They will answer questions about course materials and concepts, address code questions, provide feedback, and be your first point of contact for any questions you have about the course experience itself.



Get started right and stay on track

Your Coach will reach out to schedule a meeting at the beginning of the course to learn your needs and set you up for success. They will work with you to set a target completion date and set short term goals, then help you reach those goals and make adjustments as your needs change.

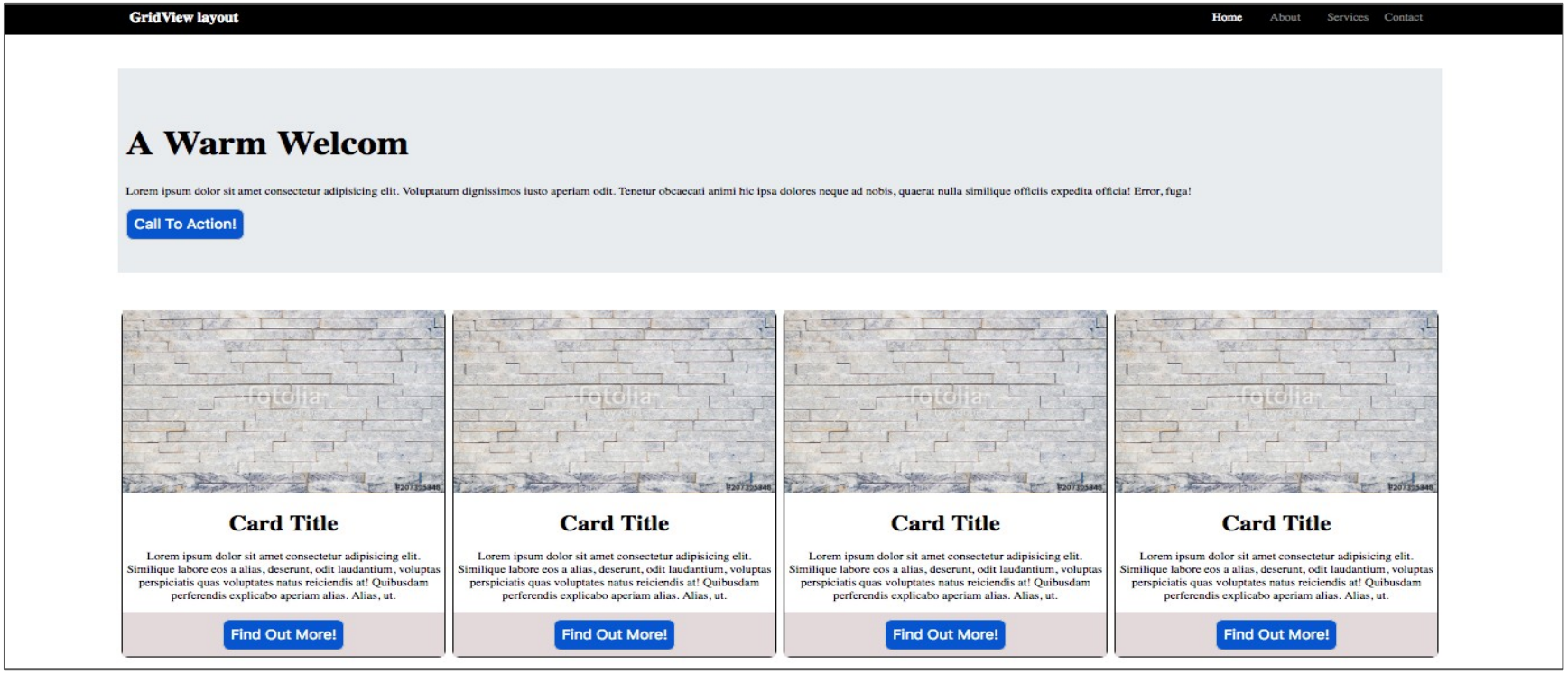
Help when you want it

You can always email your personal Coach with questions or for guidance. For more immediate help, access our team of Coaches through chat everyday.

Guidance when you need it

Your Coach will track your progress in the course and proactively reach out to keep you on track. They'll review your code to help you improve and write better code.

Exercise: Recreate the following mockup using grid-based layout. Divide the page into rows and columns.Use relative units like percentage.



IE11

IE8

iOS

Android

Firefox

Chrome

Safari

Opera

CSS Normalize

Makes sure that your CSS styles are interpreted the same across all browsers.

cdn(Content Delivery Network):

<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/normalize/8.0.1/normalize.min.css" />

https://cdnjs.com/libraries/normalize