



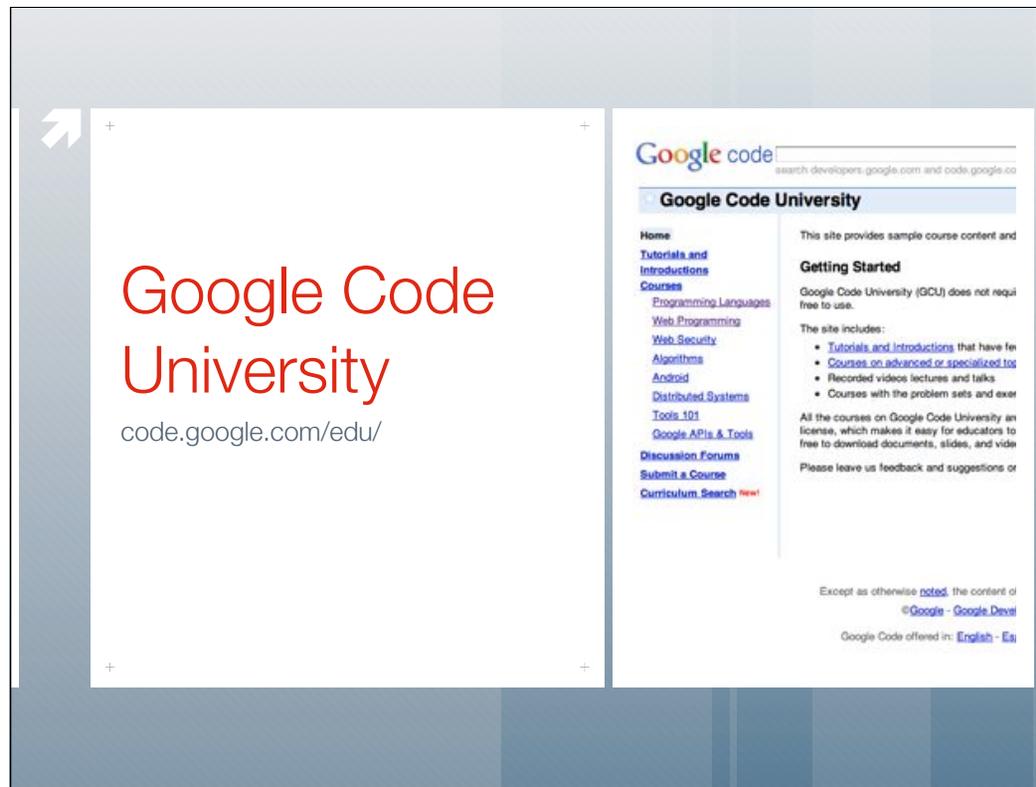
So You Want to Learn...





# Free and Ad-Hoc





Python and Web apps, Google APIs  
Mostly links to video resources on other web sites

The image shows a screenshot of the MIT OpenCourseWare website. On the left, there is a white box with the MIT OpenCourseWare logo and the URL 'ocw.mit.edu'. On the right, the main website content is visible, featuring the course title 'Structure and Interpretation of Computer Programs' and a list of course features and highlights.

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Home > Courses > Electrical Engineering and Computer Science > Structure and Interpretation of Computer Programs

VIEW ALL COURSES

- Course Home
- Syllabus
- Calendar
- Readings
- Lecture Notes
- Video Lectures
- Recitations
- Exams
- Projects
- Tools
- Related Resources

Download Course Materials

Archived Versions

- Fall 2002

Join Study Group

Live Study Group

How does this work? I can't see the standard that is supposed to be there.

Never mind, I had to change some things for it to install. Check some code and make sure it runs. I have tried to install /usr/src/486... 0 replies

How can I get video lectures on POINTERS in C? 0 reply

Both is giving her class a presentation about the benefits of yoga. At what volume should she speak while presenting? (A) She should speak... 0 replies

sub atomic particles... 0 replies

Structure and Interpretation of Computer Programs

As taught in: Spring 2005

Instructor: Prof. Eric G. Prof. Peter Prof. Trevo

MIT Course Number: 6.001

Level: Undergrad

Like Tweet

Course Features

- Video lectures
- Selected lecture notes
- Exams (no solutions)
- Subtitles/Transcript
- Projects (no exams)

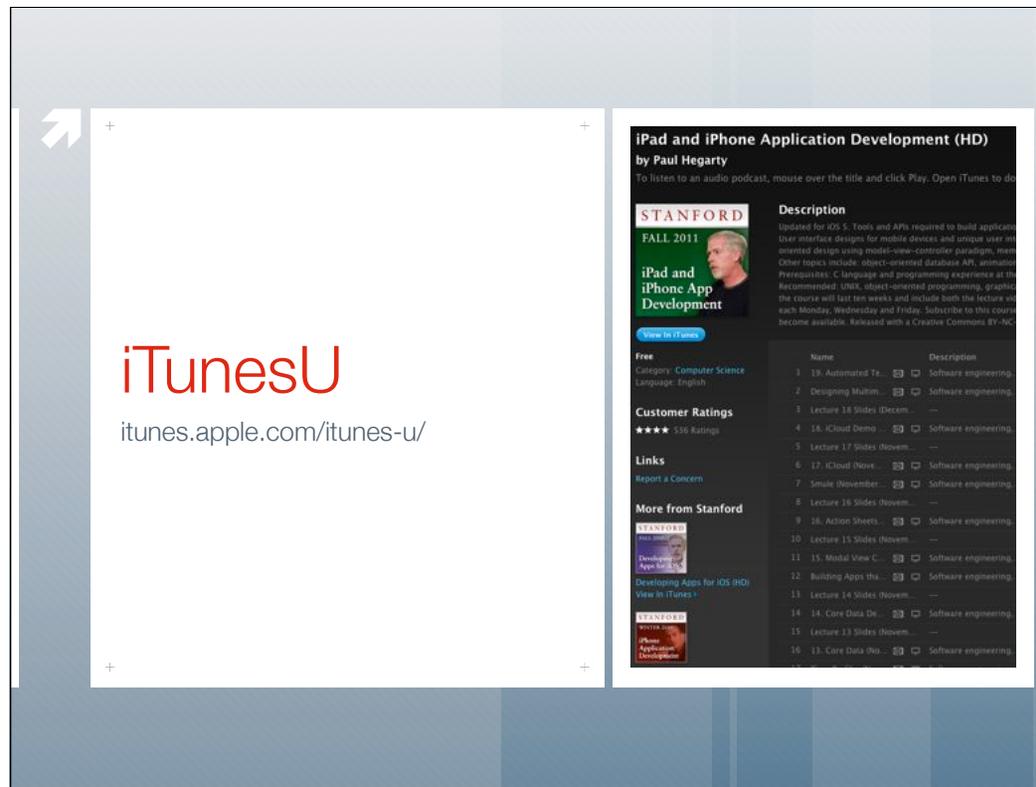
Course Highlights

This course features [projects](#) and [supporting documentation](#). This is all of its course materials online. 6.001 is the first course in the CS subjects which is required for all undergraduates in Electrical Engineering and Computer Science. It offers an online version of the textbook for it and Interpretation of Computer Programs, 2nd ed., by Abelson, Sussman, and Sussman. (Image courtesy of MIT Press. Used with permission.)

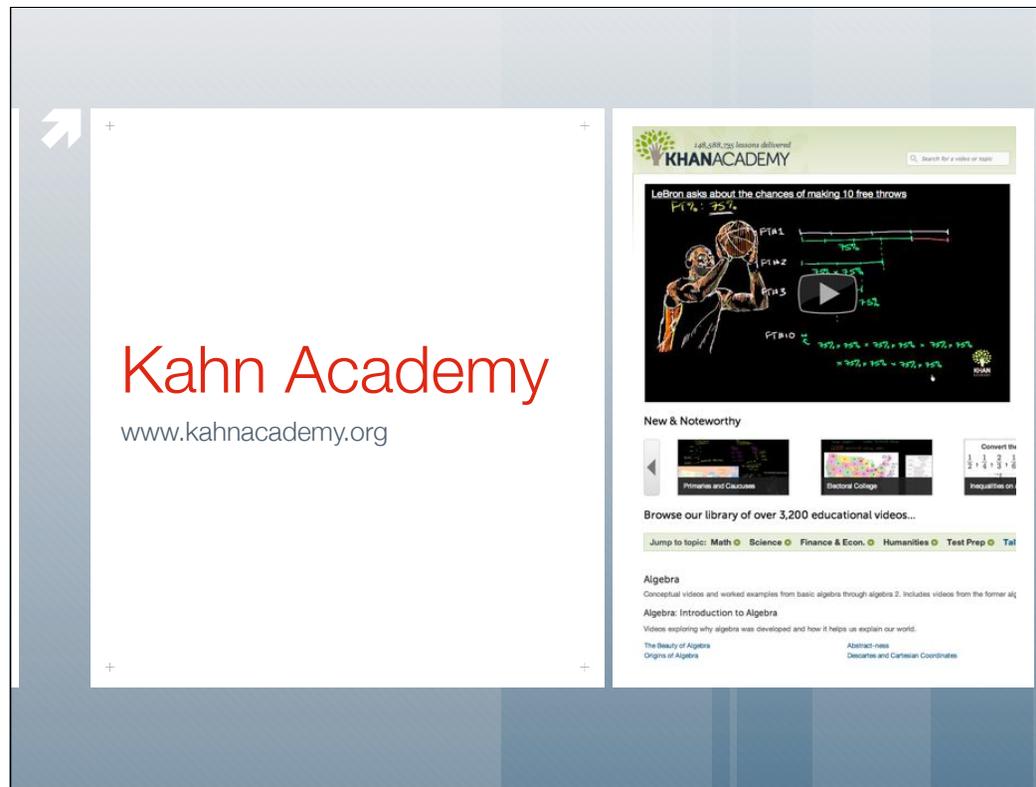
Course Description

This course introduces students to the principles of computation. In 6.001, students should be able to explain and apply the basic most programming languages to analyze computational systems, and to computational solutions to abstract problems. Substantial weekly assignments are an integral part of the course. This course is worth Design Points.

Thousands of courses, including the Structure and Interpretation of Computer Programs  
Like our OCW, readings and some exercises, no feedback



Video lectures of some courses from Stanford, Yale and Berkeley



Thousands of single videos

Heavy on math and science (algebra, calculus, statistics, economics and physics)

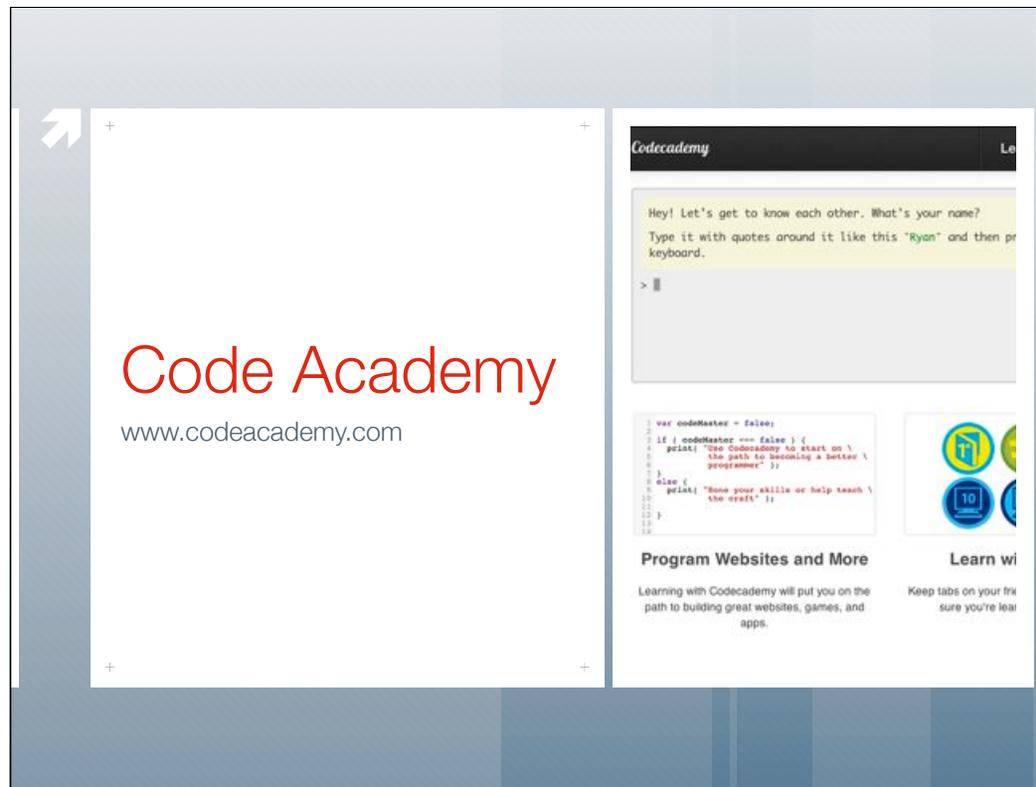
Independent videos, some with exercises



# Free and Cohort-Based



tanakawho © Flickr

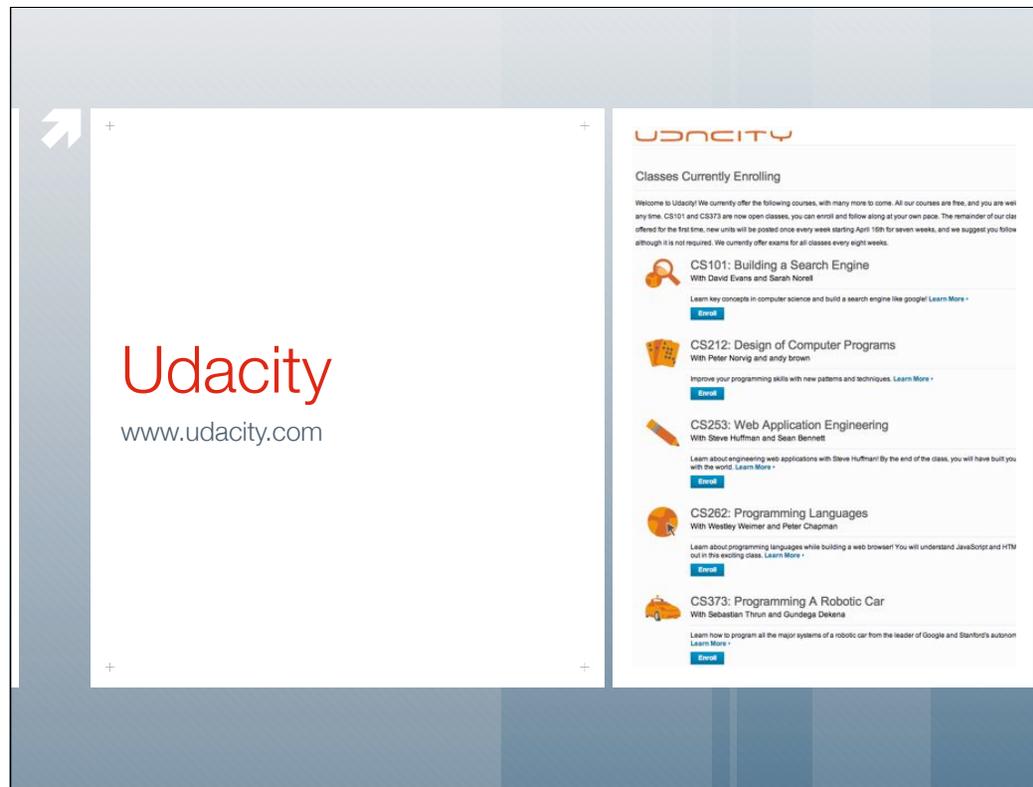


JavaScript w/interactive runtime exercises

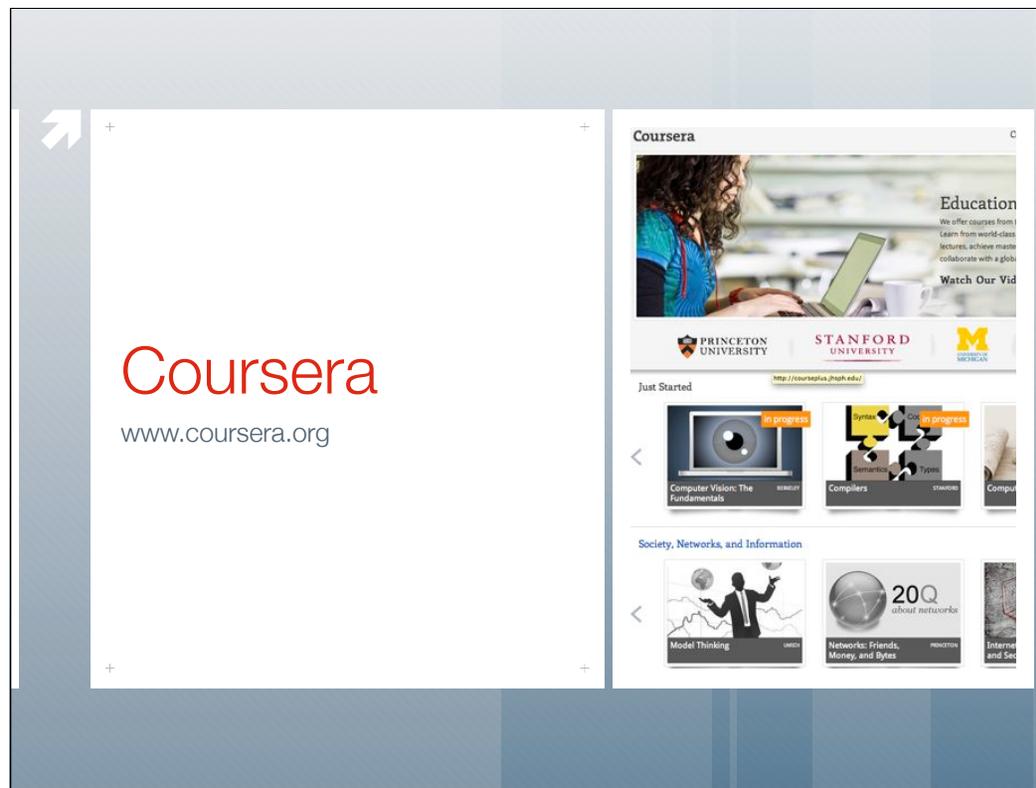
HTML5/CSS3

Badges

No interaction



Led by industry experts (Web Application Engineering taught by the guy who founded and built Reddit)  
Build apps as you go; interactive runtime exercises  
Python focus



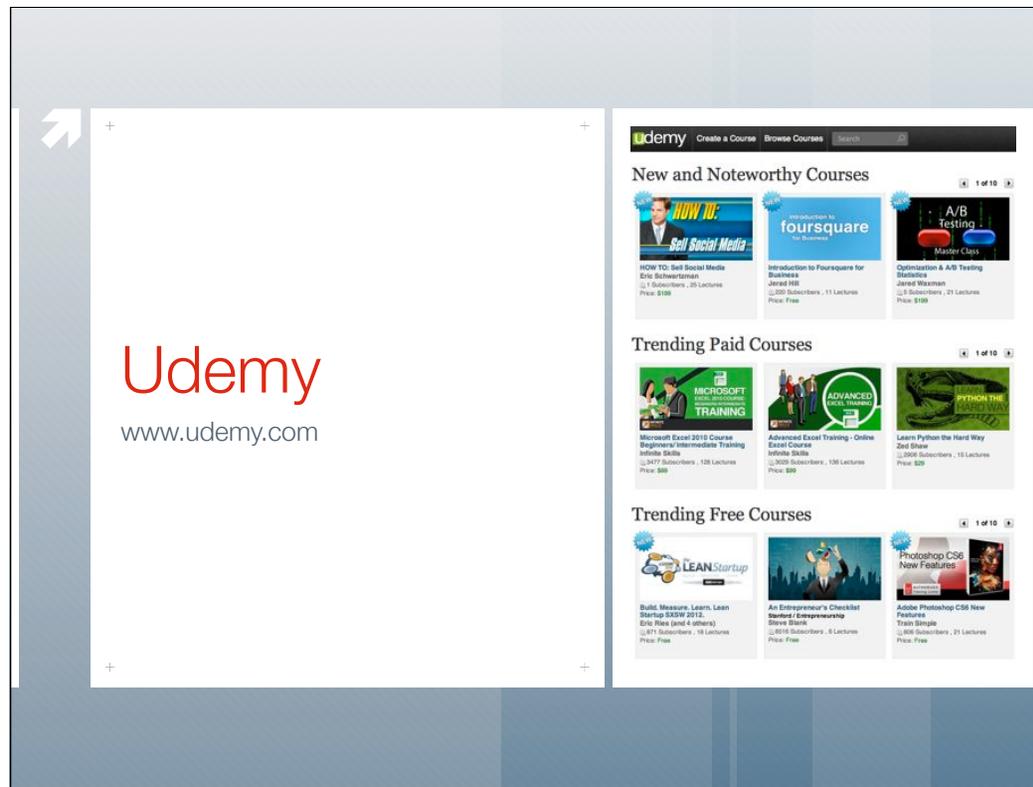
Range of topics, but mostly in CS, IT, Health, Mathematical Sciences  
Video demonstrations with interactive self-checks; quizzes  
Interaction with faculty (depends on course)  
More like college courses



Fee



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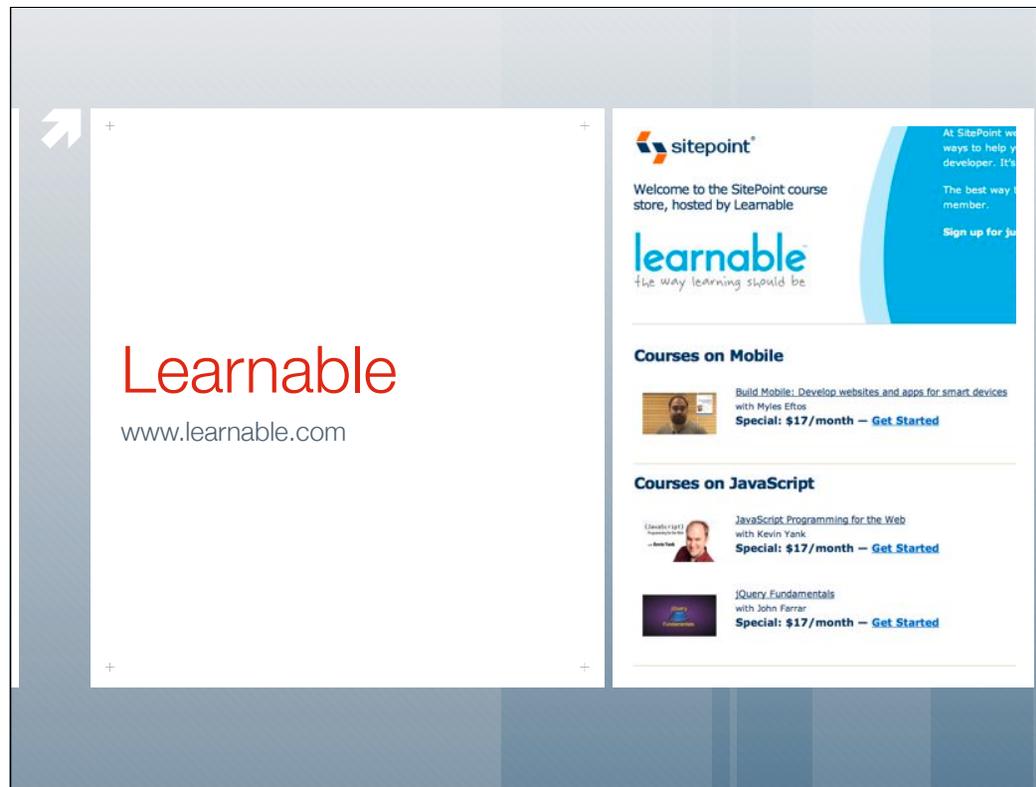


Free + paid

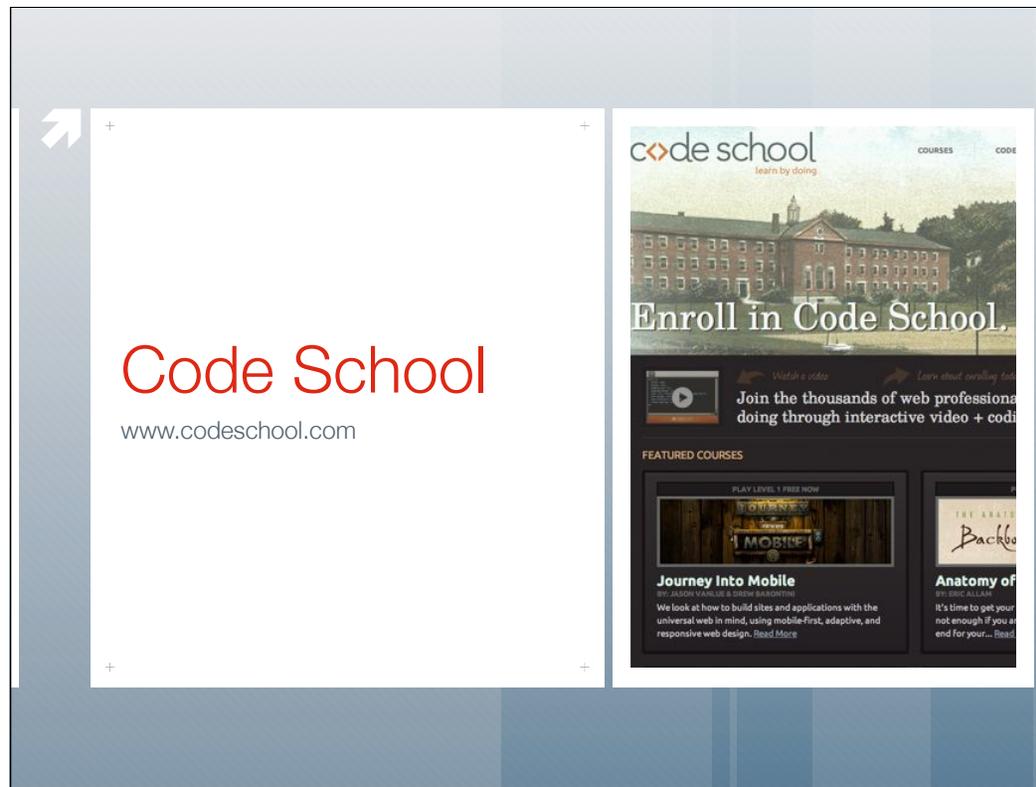
Wide range of topics, mostly videos + PDFs, no interactive interpreters

Possible live sessions, “Faculty Project”

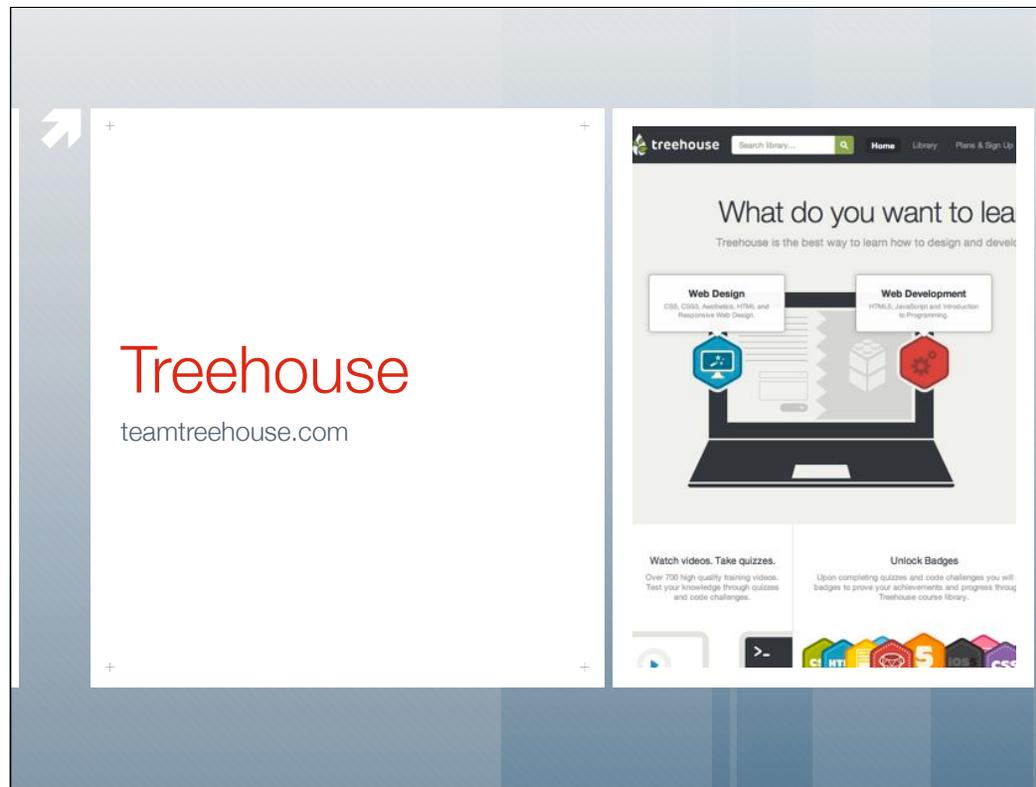
Free courses not complete or broken resource links, kind of cheap and cheesy



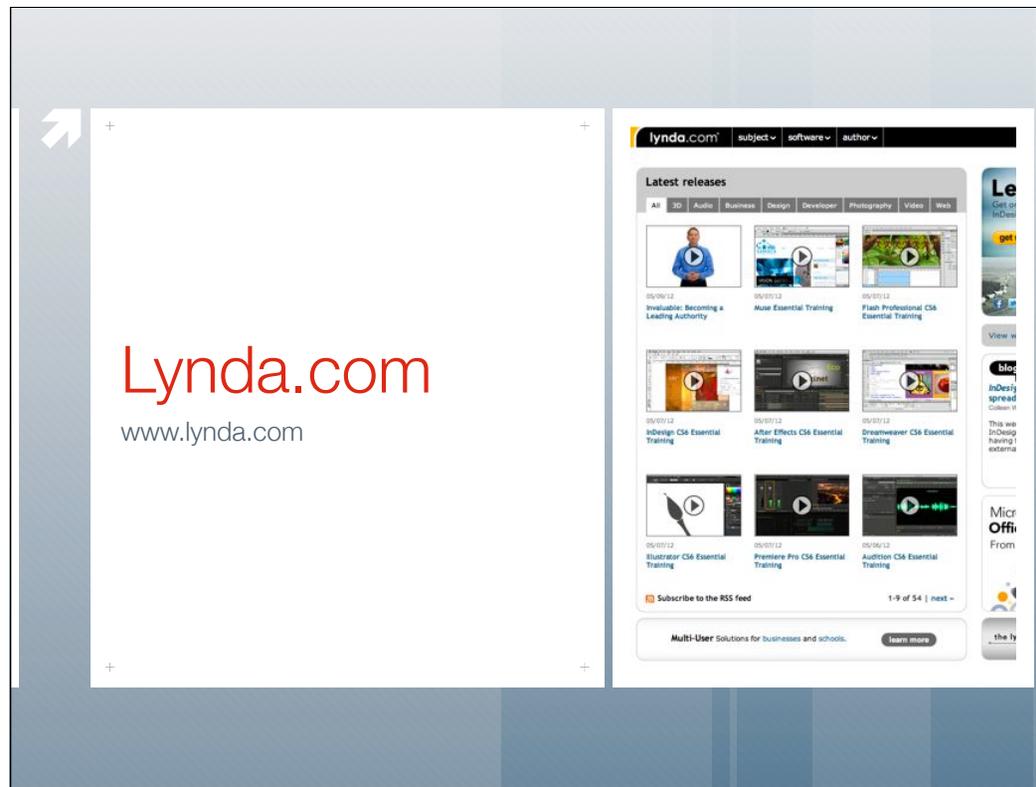
JavaScript, PHP, HTML5, CSS, jQuery  
Video demonstrations with discussion boards  
\$25/month, downloadable book credits



Rails, CSS, Backbone.js, jQuery  
Video demos, interactive exercises  
\$25/month



HTML, CSS, Responsive design, Photoshop, Accessibility, Ruby, iOS Development  
Organized into collections that award badges if you pass quizzes  
Video demos, interactive exercises, and quizzes  
Starts at \$25/month, other plans include “Project Videos” which build projects



Thousands of videos on Adobe tools, photography, design, audio and video, HTML5, JavaScript, jQuery, CF, Rails, Drupal, Joomla, SharePoint  
\$25/month without downloadable files, \$37.50 with  
No quizzes or badges