

WEB DESIGN

Winter Session 2016 | GRAPH 3271-01

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Syllabus & Class Website



Course wordpress at
<http://risdweb16.motsuka.com/>

One-stop source for:

- Course materials
- Exercises
- Project guidelines
- Readings and Responses
- Resources

Setup your Wordpress Account

1. Check your RISD email for an invitation to join the WordPress site
2. Use the credentials in the email to login
3. Change your user password as you wish
4. Reply to the post **Exercise 1: Favorite Websites**

Codecademy

Language Skills

Learn core programming concepts and syntax for the world's most popular languages.



HTML & CSS

Last active 4 days ago



JavaScript

Last active over 1 year ago



jQuery

Last active over 1 year ago



PHP

Learn to program in PHP, a widespread language that powers sites like Facebook



Python

Learn to program in Python, a powerful language used by sites like YouTube and Dropbox



Ruby

Learn to program in Ruby, a flexible language used to create sites like Codecademy

<http://www.codecademy.com/>

Online based tutorial site providing users web development skills. Feel free to explore the range of courses. The class will focus on the following languages:

- HTML & CSS
- Javascript and jQuery

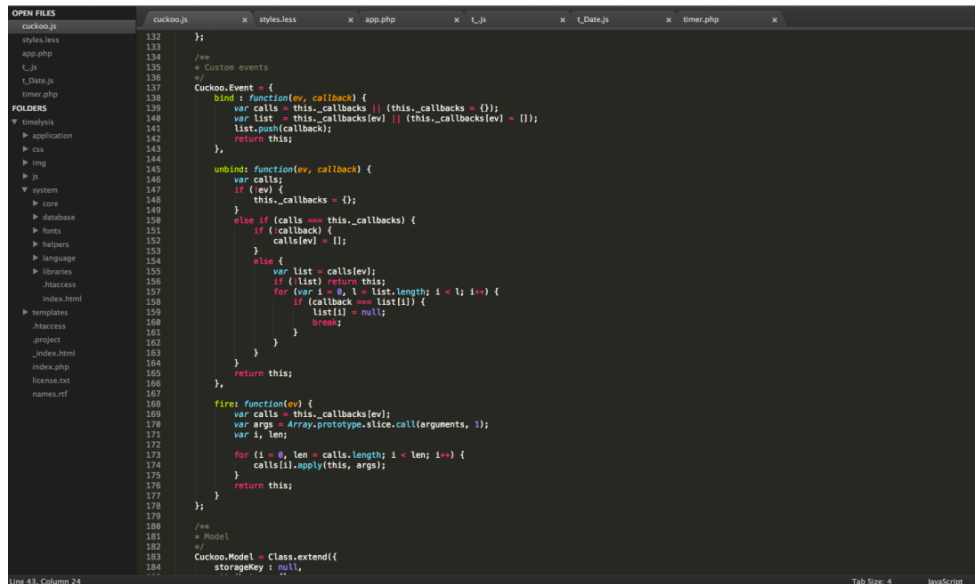
Setup your Codecademy Account

1. Create a [Codecademy](#) account
2. Scroll down to the Language Skills to begin the tutorials
3. Review the Codecademy schedule and follow the screenshot conventions to report on your progress

Estimated course times according to Codecademy

- HTML & CSS: 7 hours
- Javascript: 10 hours
- JQuery: 3 hours

Sublime Text



<http://www.sublimetext.com>

Sublime Text is the recommended **text editor** for composing your code. (Do not use Dreamweaver.)

While there are many text editors around, the shortcuts and flexibility offered by Sublime Text will allow you to program efficiently.

Learn more through [video tutorials](#). The “Multiple Cursor and Incremental Search” feature is very useful.

Github

The screenshot shows the GitHub repository page for `mbostock / d3`. At the top, there's a navigation bar with links for Pull requests, Issues, and Gist. Below this, the repository name is displayed along with statistics: 2,082 Watchers, 44,993 Stars, 11,981 Forks, and 1,981 Issues. The repository description is "A JavaScript visualization library for HTML and SVG. <https://d3js.org>". Below the description, there are statistics for 3,504 commits, 34 branches, 188 releases, and 105 contributors. The main content area shows a list of files and folders, including `bin`, `lib`, `src`, `test`, `.gitattributes`, `.gitignore`, `.npmignore`, `.spmignore`, `CONTRIBUTING.md`, `LICENSE`, `Makefile`, `README.md`, and `bower.json`. Each item shows a brief description and the time since the latest commit.

File/Folder	Description	Latest commit	Time ago
<code>bin</code>	Merge branch '3.5.6'	78ce531	6 months ago
<code>lib</code>	Remove obsolete license.		2 years ago
<code>src</code>	Back-port d3/d3-scale#9 fix.		14 days ago
<code>test</code>	Back-port d3/d3-scale#9 fix.		14 days ago
<code>.gitattributes</code>	Adding .gitattributes for generated files.		11 months ago
<code>.gitignore</code>	cleanup		11 months ago
<code>.npmignore</code>	cleanup		11 months ago
<code>.spmignore</code>	Add spm support		2 years ago
<code>CONTRIBUTING.md</code>	Add note about purpose of GitHub issues.		a year ago
<code>LICENSE</code>	Updated year in license		11 months ago
<code>Makefile</code>	Remove obsolete bin/bower.		6 months ago
<code>README.md</code>	Update link to d3js.org.		2 months ago
<code>bower.json</code>	bower.json: remove most 'version' field		8 months ago

<http://github.com/>

GitHub is a web-based repository hosting service based on the **Git** version control and source code management system. GitHub allows individuals and teams of programmers to manage, share, store and make editable revisions to projects. We will be using Github's code sharing and publishing service to store our class projects.

See more on Github on [Github Guides](#).

Set up your Github Account

1. Create a GitHub account
2. Download [GitHub Desktop](#). (You must have OSX 10.9 or later. To check what OSX Version you have, go to the Apple in the top left of your screen and click "About This Mac". It should say version 10.X.X and need to be 10.9 or above.)
3. Email me (motsuka@risd.edu) your username so I can add you to the team for our site: <https://github.com/risdweb16/studentwork>
4. Once added, clone the **gh-pages** repository to your desktop version. There is a button in the far right column
5. Test out committing (command+return) and syncing (command+s) on the **index.html** file in the folder with your name on it

FTP (File Transfer Protocol)

FTP allows you to **transfer files** across the Internet from your computer to the web server hosting your site. You will essentially be copy-pasting your documents from your **local** directory (residing on your hard drive) to the **remote** server directory.

What you will need:

- A Web Hosting Service (GoDaddy, Hostgator, etc.)

- Domain name registration

- Files hosting service

- FTP Software (Cyberduck, Filezilla, FireFTP, etc.)

Set up your RISD FTP space

RISD offers hosting space for students on their server. (Limited to 1GB, no server-side script support)

Your file will live at: [http://students.risd.edu/students/**RISDusername**/](http://students.risd.edu/students/RISDusername/)

Choose **FTP-SSL** (Explicit AUTH TLS)

Server: **ftp.risd.edu**

Username: Enter your **RISD username** without the @risd.edu

Password: Enter your **RISD password**

Default Path: **student/Students/RISDusername**

Getting Started: Review

You should have the following completed:

- ☐ Access secured to the Course Wordpress
- ☐ Account created in Codecademy
- ☐ Sublime Text downloaded and installed
- ☐ Account created in Github, access secured to the class repository
- ☐ FTP setup with RISD's hosting services