GET READY – PREQUISITES

Hardware and Operating System Needs

Windows Users: You will need a laptop that is running Windows 7 and above.

MAC Users: PLEASE READ >>> If you are using a Mac laptop for this course, you'll need to partition your hard drive so that you can run Visual Studio. A link to the directions for doing that are in the next section, but even though the directions are there. This can be challenging, and you will definitely need to do it before starting the course.

Software Needs

Below are the software installations that need to be done prior to starting your program. As mentioned, we will host an InstallFest to help with any installation issues. You can also reach out to us at learning@elevenfifty.org for assistance.

Here are items that you need to have installed using the instructions below:
>   Install Sublime Text 2.0 on your machine
>   Set up a BitBucket.org account
>   Install git on your computer
>   Install free version of Visual Studio Community Edition 2013
>   Also, bring your most current digital copy of your resume

MAC Users: Your Mac must be running Bootcamp with at least 4GB RAM and running Windows 7 or newer. No VIRTUAL MACHINES.

Sublime Text

Sublime Text 2.0 will be the Integrated Developer Environment(IDE) used for this course. Essentially, Sublime Text is the place where you will write your code for the first week. The free version is available for both MacOS and Windows. You DO NOT need to purchase it for this class. It's important to note here that the free trial period for this IDE has no timestamp, and developers can choose to purchase it after you become more serious about pursuing higher-level software development.

Instructions for Downloading Sublime Text
1. Go to www.sublimetext.com/2
2. Choose OS X for Mac. Choose Windows for Windows.
3. Click on your downloads tab and install the app.

Bitbucket

Students will need to set up a BitBucket account for this course. BitBucket is free and is used, to put it simply, to "save" code to a repository(repo). The instructor will have access to the repo in order to check the code for accuracy. Using Bitbucket will be explained on the first day of class, and just having the account ready before the class will suffice.

Instructions for Setting Up a BitBucket account:
1. Go to this URL: https://bitbucket.org/account/signup/
2. Click Get started and walk through the set up steps.
3. After entering your name, email, and password, click confirm.
4. From your email, open the message from Atlassian and click Verify my email address.
5. Pick the best username for your profile. We probably don't need to say this, but make it appropriate.

Remember your username & password, especially for the next section.

Git

Git is the tool that allows us to back up our software and to easily work with other developers.

The directions for installing Git can be found at the following url:
https://git-scm.com/book/en/v2/Getting-Started-Installing-Git

1. Follow the instructions and choose the appropriate machine (Windows or Mac), and choose the link.
2. The download will start automatically.
3. While you're waiting for the download take a look at the documentation for using git. We will cover this in class on the first day, but it will help you understand git faster.
   http://git-scm.com/book/en/v2/Getting-Started-About-Version-Control
4. Walk through the steps necessary to download it to your machine.

Visual Studio

Visual Studio is the IDE that runs the .NET framework. Created by Microsoft, Visual Studio is one of the most popular IDEs in the world. There are versions you can purchase, but it is not necessary to purchase it for development. We will be using the Visual Studio Community 2013 edition to do our work.

Instructions for Downloading Visual Studio 2013 on a Windows Machine:
1. Go to https://www.visualstudio.com/en-us/downloads/download-visual-studio-vs.aspx
2. Choose Visual Studio 2013
3. Choose the Community Edition
4. Click Download

Instructions for Downloading Visual Studio 2013 on a Mac:
1. Go to Apple's support site for installing Bootcamp: https://support.apple.com/en-us/HT201468
2. Notice that you'll need to have purchased a copy of Windows.
3. Also, some people have trouble with older Macs. Take a look at the various lists to see if you need to download Support Software.
4. https://support.apple.com/kb/DL1721?locale=en_US