Pre-course Work & Setup

Code Immersion PT + FT

What You Need to Know	

What to bring:	Laptop - Mac, Windows, or Linux (a Mac computer is preferred, but all course work can be completed on any of these laptops).
Environment Setup:	Here is a guide to environment setup that our students have found helpful: http://techtalentsouth.com/rails_install/ Environment setup is always a bit painful. There will be error messages and some folks will likely have some issues, but we will get you through it! If you continue running into errors, you can email Zack Kirchin for extra assistance. You can reach Zack at zack@techtalentsouth.com. Also, just in case your local environment does decide to act up, we recommend going ahead and signing up for Cloud9, a free remote/cloud environment and an alternative for the classroom.
Required Pre-course Work: Honestly, we don't want your head spinning any more than it needs to be on day 1! At the same time, if you're a little confused when going through this stuff, don't stress. That is why our class exists! These resources will help get you up to speed on some common programming terminology and concepts and allow us to really hit the ground running as a class. However, if you don't at least attempt to complete the pre-work you will be behind on day 1. Be prepared to talk about one challenge or concept you struggled with. You do not need to bring your book to class, as it is only used as a pre-course work resource to expose students to common terminology and level the playing field for day 1.	Chris Pine - Learn to Program - 2nd Edition This book offers a great introduction to programming with Ruby, which is one of the main topics we'll be covering. We recommend completing the entire book, but please plan on completing chapters 1 through 10. If you are having trouble running your programs locally, this site is a great alternative to help you work through Ruby sample problems from the book. Build a Website with HTML, CSS, and Bootstrap on Codecademy Codecademy's interactive lessons will get you ready for the jump from Ruby to Ruby on Rails. It will walk you through how to build static websites using plain HTML, CSS, and Bootstrap. These tools are the foundation to building a great website and web application.
Optional Pre-course Work:	Ruby on Rails Tutorial on Treehouse

For extra practice before the class begins, here are some other resources you can sink your teeth into.	You can go through this tutorial to start familiarizing yourself with Ruby on Rails. Treehouse has a 30-day free trial you can take advantage of. Treehouse also has a number of Ruby Tutorials and HTML/CSS Tutorials which you may find helpful in supplementing the Chris Pine Book. Again, digging into these tutorials is optional, but encouraged. Extra Ruby Practice on Codecademy Practice makes perfect, and Codecademy's free Ruby tutorial makes for great practice. Work your way through Unit 6, after completing Chris Pine's Learn to Program book.