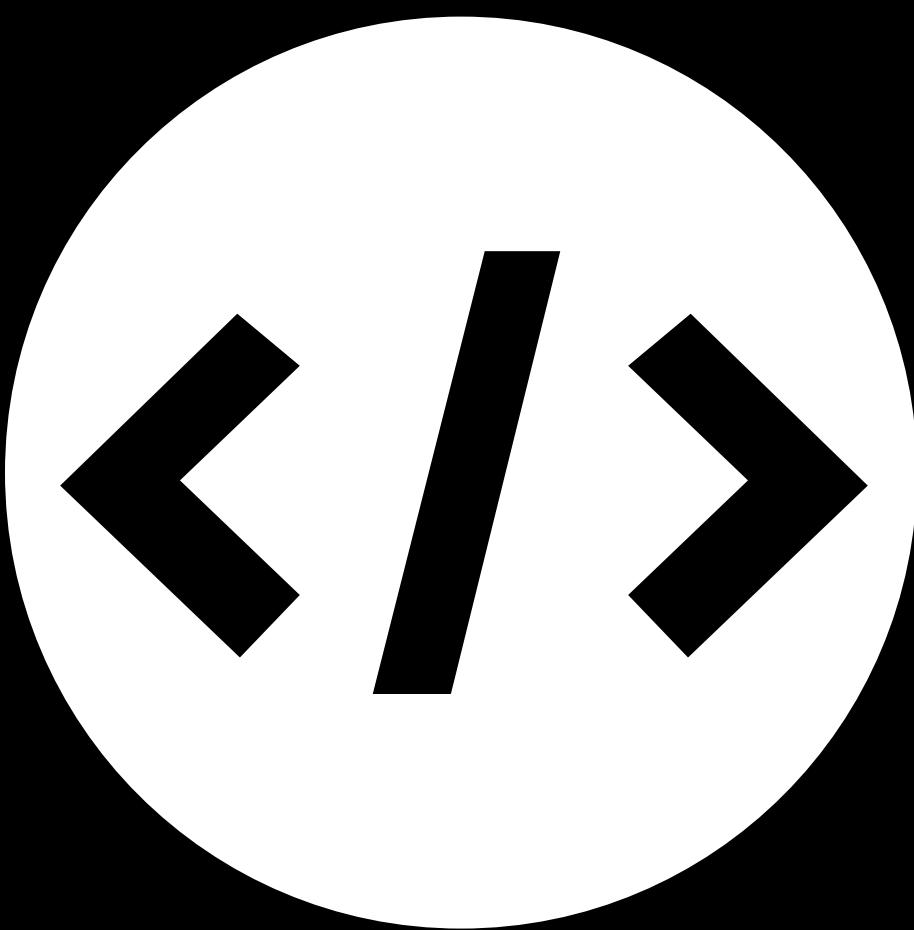


INTRO TO RUBY



STARTUP
INSTITUTE
RAMPUP

PART-TIME CLASSES

ABOUT RAMPUP

Whether you're aiming for a promotion, exploring a new career path, or simply looking for a new hobby, RampUp classes will help you get the skills you need.

Lesson delivery includes on-campus sessions, take-home lab assignments, and online support and resources. Classes are held one day a week in the evenings, making it easy to fit into your schedule.

Like our full-time program, RampUp courses are led by experienced practitioners who will teach you the best practices, hacks, and resources they use in their own jobs. It is a community-driven learning experience, designed to move at your pace.



INTRO TO RUBY

This class is focused on introducing novices to the world of Web Development. We begin with the basics—working with industry tools such as Github, Unix and Sublime. Once loaded with your web development arsenal, we dive into Ruby—a general-purpose programming language that is a much sought-after skill in today's tech world.

Throughout the course, you'll learn how to solve real-world problems with code and build several basic web applications. After the class, many students jump into Rails and apply for the full-time program (Hint: Rails combines the Ruby programming language with HTML, CSS, and JavaScript to create a web application that runs on a web server.) Requirement: All students must bring a computer with a Unix environment (i.e. Mac OSX or Linux). To add Unix on a windows computer for free and at your own risk you can follow [this tutorial](#).

The following is an outline of the Intro to Ruby curriculum experience:

COURSEWORK

Week 1: Install Day

- Set up your development environment
- Learn basic Unix commands
- IRB vs Text Editor
- Ruby data types - String, Integer, Float, Boolean
- Variables & identify a method/function
- Ruby arithmetic operators and string interpolation

Week 2: Intro to Ruby

- Discover control flow - conditionals, Ruby comparison operators, and logical operators
- Become comfortable with git

Week 3: Arrays, Blocks and Hashes

- Understand arrays and hashes
- Ruby Blocks - each/map/
- Introduction to Github



Week 4: Classes and Instances

- Classes
- Initializers
- Setter/getters
- Instance variables
- Instance methods
- Instantiating a class

Week 5: Conversion Rate Optimization

- Class methods
- Class variables
- Scope
- Self
- Private/protected methods
- Single inheritance / subclass

Week 6: Modules and Mixins

- Continue inheritance
- Modules
- Mixins
- Breaking things into separate files

Week 7: Personal projects

- Complete your personal capstone project
- Read and write files in files
- Learn how to connect files in your project

Week 8: Presentations and Rails

- Present and receive constructive feedback on your project
- Introduction to using gems (e.g httparty)



GET IN TOUCH

Want to talk? We're here to answer your questions and help you determine if our program is right for you. Reach out to Brent for more information on RampUp.



Brent Williams
Head of RampUp
brent@startupinstitute.com

[**REGISTER NOW**](#)

Other Classes Offered:

Intro to Web Design

Create digital experiences that balance utility and aesthetics.

Intro to JavaScript

Build interactive and performant websites with this versatile web development classic.

Intro to Technical Marketing

Explore the tools and best practices you need to know to be a full-stack digital marketer.

**Available courses differ by location. Visit our website to find out which RampUp classes are offered in the city near you.*

Connect With Us



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