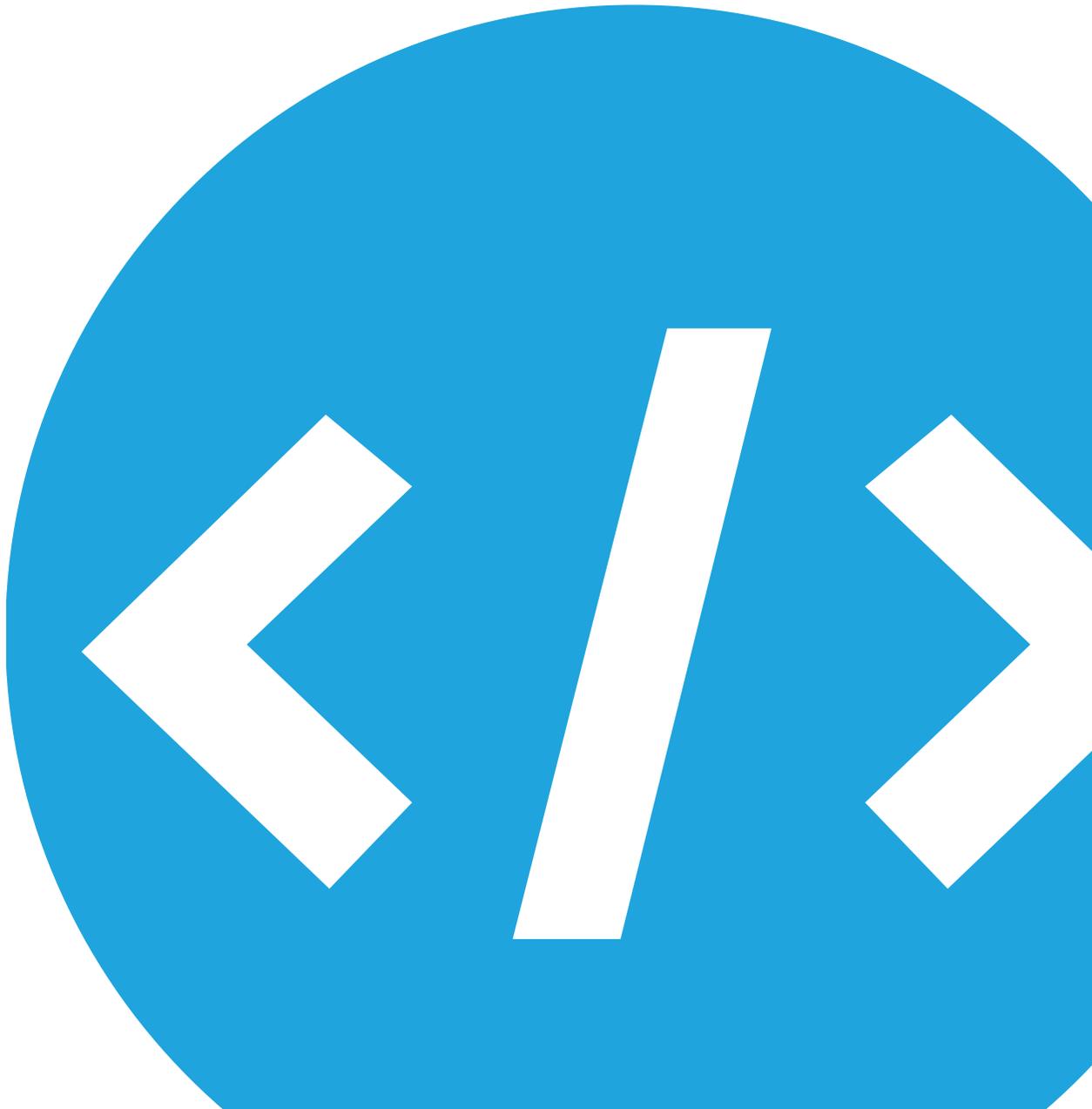


FUNDAMENTAL SKILLS CLASSES

INTRO TO RUBY







ABOUT OUR FUNDAMENTAL SKILLS CLASSES

Our marketing, design, and coding classes provide you with a supportive community as you learn the fundamentals. We combine instructors from the local tech community, in-person evening classes, and online resources to create a personalized learning network.

Students will gain a solid foundation in best practices and complete the class with a finished website, application, or marketing campaign to add to their portfolio.

This is a great option for those who are investigating a new career path, or who want to learn a new skill to advance their career.

CLASS OVERVIEW

This class will teach you the programming language used by developers to build websites, games, and applications.

Learn how to solve real-world problems with code and what it takes to create interactive web applications. You'll complete the class with a solid understanding of the language and a series of web applications to add to your portfolio.

You'll also be introduced to industry tools such as Github, Unix, and Sublime. This class is great for coding novices who want to learn the fundamentals of web development.



CURRICULUM

Week 1: Install Day

- Set up your development environment
- Learn basic Unix commands
- Review IRB vs Text Editor, Ruby data types:String, Integer, Float, Boolean
- Discuss variables & identify a method/function; introduce Ruby arithmetic operators and string interpolation
- Discuss requirements and initial plans for projects

Week 2: Intro to Ruby

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

Week 3: Arrays, Blocks & Hashes

- Understand arrays and hashes
- Define Ruby Blocks - each/map/
- Introduce key elements of GitHub

Week 4: Classes & Instances

Understand key concepts and apply learning for:

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

Week 5: Conversion Rate Optimization

Understand key concepts and apply learning for:

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

Week 6: Modules & Mixins

- Continue inheritance
- Apply learning for:
 - Modules
 - Mixins
- Describe how to break things into separate files



CURRICULUM

Week 7: Ruby Gems

- Explore Ruby gems
- Learn how to connect files for your project

Week 8: Projects and Presentations

- Present and receive constructive feedback on your project
- Discuss resources that are available for future learning



My experience at Startup Institute for a Fundamental Skills Class was fantastic! My instructors were very knowledgeable and always available to help with projects or answer questions. My classmates made the class fun and interesting, and brought their own insights and experiences to our group.

– Kelsey Weiss, Fundamental Skills Class

GET IN TOUCH

Want to talk? We're here to answer your questions and help you determine which of our skills trainings is the right fit for your career goals. Reach out to schedule a conversation with the admissions manager in your city.

Email: info@startupinstitute.com

Phone: 888-425-5557

Connect With Us



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 classes are being offered in your city.



Building an inspired workforce,
knowing the world is a better place
when people do what they love.

STARTUP
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Global HQ
50 Milk Street, 14th Floor
Boston, MA 02109
USA



startupinstitute.com
info@startupinstitute.com
888-425-5557
