

Week 1 -- Web Development Crash Course

Technology: Databases | Ruby | Ruby on Rails

Morning: Instruction (Lecture / Exercises)

Afternoon: Instruction: (Heavier on exercises)

Monday: Team Spike -- Project Teams (Moonshot Project)

Tuesday: Intro to Ruby

Wednesday: Intro to PostgreSQL

Thursday: Intro to Ruby on Rails

Friday Morning: Ruby on Rails, continued

Friday Afternoon: Project Ideation / Requirements / Ideation

Week 2 -- Database Design/SQL/Active Record Pattern

Morning: Instruction (Lecture / Exercises)

Afternoon: Project Time

Monday: PostgreSQL Basics

Tuesday: Ruby + PostgreSQL

Wednesday: ActiveRecord

Thursday: ActiveRecord

Friday: Hack Day (Theme ??)

Week 3 -- Data Modeling in Ruby on Rails

Morning: Instruction (Lecture / Exercises)

Afternoon: Project Time

Monday: ActiveRecord Validations

Tuesday: ActiveRecord Associations

Wednesday: Forms

Thursday: Routing

Friday: Hack Day (Theme ??)

Week 4 -- Automated Testing with RSpec

Morning: Instruction (Lecture / Exercises)

Afternoon: Project Time

Monday: Intro to RSpec

Tuesday: RSpec, continued

Wednesday-Friday: 4th of July Recess

Week 5 -- JavaScript

Morning: Instruction (Lecture / Exercises)

Afternoon: Project Time

Monday: Basic JavaScript Syntax

Tuesday: Object-Oriented JavaScript

Wednesday: HTTP/Ajax

Thursday: Modern JavaScript Frameworks

Friday: Demo Day (Theme ??)