

Week 1 - JS / Ruby Fundamentals	AM Topic / Task	PM Topic / Task	Beyond Tech
Monday	Welcome	Machine setup, Unix commands, OSX shortcuts, Text Editor intro, Basic Challenges (Deaf Grandma / 99 bottles in JS)	
Tuesday	Git/Github	JS fundamentals - review of variables, booleans, integers, strings, operators, method definition and parameter passing / Pair Programming	
Wednesday	Ruby fundamentals - introduction to variables, booleans, integers, strings, operators, method definition and parameter passing	JS fundamentals - collections (arrays and hashes)	
Thursday	Ruby fundamentals - collections (arrays and hashes)	JS fundamentals - loops, blocks, iteration	
Friday	Ruby fundamentals - loops, blocks, iteration	JS + Ruby fundamentals: Method arguments (defaults, * parameters), method chaining	
Weekend	Objects & Classes in JS / Ruby	Objects & Classes in JS / Ruby / Boggle	
Week 2 - JS / Ruby Fundamentals	AM Topic / Task	PM Topic / Task	
Monday	Recursion	Recursion	
Tuesday	Ruby Gems & Javascript Libraries	Debugging with Pry in Ruby / Debugger in JS	
Wednesday	Regex in JS/Ruby	Destructive vs. Non-Destructive Methods	
Thursday	Test driven development and Rspec for Ruby	Test driven development and Rspec for Ruby	
Friday	Assessment #1	Group Project - Sudoku Solver	
Week 3 - Object Orientation In Depth	AM Topic / Task	PM Topic / Task	
Monday	Benchmarking, Big O notation, Code Style	OOP: Inheritance, Encapsulation, Polymorphism	
Tuesday	Reading Data from CSV and instantiating objects	Reading Data from CSV and instantiating objects	
Wednesday	Reading Data from CSV and instantiating objects	Writing Data to CSV and instantiating objects	
Thursday	Writing Data to CSV and instantiating objects	Writing Data to CSV and instantiating objects	
Friday	Assessment #2	Assessment #2	
Week 4 - Web Development Concepts / Database Persistence	AM Topic / Task	PM Topic / Task	
Monday	ActiveRecord	ActiveRecord	
Tuesday	ActiveRecord	ActiveRecord	
Wednesday	Introduction to SQL and why we need it	SQL Practice (select, where, group, order by)	
Thursday	SQL Joins (Left, Right, Full, Inner, Outer)	SQL Practice (everything so far)	#4 - Object Oriented Human Interaction
Friday	Data Modeling / Relationships (has_many and belongs_to)	Data Modeling (join tables)	

Week 5 - HTML / CSS / JS (DOM API + Events, jQuery, AJAX)	AM Topic / Task	PM Topic / Task	
Monday	HTML + CSS	Create a blog with HTML and CSS	
Tuesday	Javascript in Webpages / DOM Manipulation	Javascript in Webpages / DOM Manipulation	
Wednesday	JS Events	jQuery	
Thursday	jQuery	AJAX	#5 - BOSI Assessment
Friday	AJAX	Classes in JS / Simple blog app in HTML/CSS/JS	
Week 6 - Rack / HTTP	AM Topic / Task	PM Topic / Task	
Monday	How the Internet works (request/response cycle, server/client interaction)	HTTP / HTTPS	
Tuesday	Sessions / Authentication	Sessions / Authentication	
Wednesday	API Introduction	API Introduction	
Thursday	Build your own HTTP Server	Build your own HTTP Server	#6 - Basics of Personal Finance
Friday	Build your own HTTP Server	Build your own HTTP Server	
Week 7 - Sinatra	AM Topic / Task	PM Topic / Task	
Monday	Very Basic Sinatra	Very Basic Sinatra	
Tuesday	Moving to Tests / Organizing Our Code	Moving to Tests / Organizing Our Code	
Wednesday	Getting to CRUD (basic DB I/O via AR)	Getting to CRUD (basic DB I/O via AR)	
Thursday	Do Another CRUD	Do Another CRUD	#7 - Negotiation Exercise
Friday	Keep Your Stuff to Yourself - Sessions	Keep Your Stuff to Yourself - Sessions	
Week 8 - Basic Rails	AM Topic / Task	PM Topic / Task	
Monday	Basics, Analogizing Rails to Sinatra	Basics, Analogizing Rails to Sinatra	
Tuesday	Create Another CRUD, Add Complexity	Create Another CRUD, Add Complexity	
Wednesday	Devise	Devise	#8 - Job Search for People Who Hate Job Search
Thursday	Where the Business Happens (Add Business Complexity)	Where the Business Happens (Add Business Complexity)	
Friday	ASSESSMENT	ASSESSMENT	
Week 9 - Rails Integrations	AM Topic / Task	PM Topic / Task	
Monday	3rd Party Integrations	3rd Party Integrations	
Tuesday	Delayed Work / Jobs	Delayed Work / Jobs	
Wednesday	Deploying to Heroku / ENV	Deploying to Heroku / ENV	
Thursday	Create another CRUD!	Create another CRUD!	

Friday	Taming Complex Models	Taming Complex Models	
Week 10 - Rails APIs	AM Topic / Task	PM Topic / Task	
Monday	Running Your App as an API	Running Your App as an API	
Tuesday	Convert Existing App to Use AJAX	Convert Existing App to Use AJAX	
Wednesday	Create an App that Runs from JSON	Create an App that Runs from JSON	
Thursday	PROJECT	PROJECT	
Friday	PROJECT	PROJECT	
Week 11 - React	AM Topic / Task	PM Topic / Task	
Monday	Frontend Technologies Introduction (HTML + CSS Review)	Create a blog with HTML and CSS	
Tuesday	Javascript / DOM API + Events	Classes in JS / Simple "Hello world" app in HTML/CSS/JS	
Wednesday	Intro to NodeJS / React	Blog in React	
Thursday	Directory Structure / Event Handling / State / Props	Testing in React	
Friday	Compiled JS with Babel & Webpack	React Router / Creating a reusable Navigation Component	
Week 12 - React	AM Topic / Task	PM Topic / Task	
Monday	CSS Frameworks (Bootstrap), Flux architecture	Flux with Redux	
Tuesday	Testing Flux/Redux	AJAX	
Wednesday	AJAX in React/Redux	Workshop for an app with UI driven by data from web API	
Thursday	Data-driven React UIs Project	Data-driven React UIs Project	
Friday	Add testing to project / Benefits of SPA Application Architectre	Idea pitches / group project planning	
Week 13 - Final Projects	AM Topic / Task	PM Topic / Task	
Monday	Group Projects	Group Projects	
Tuesday	Group Projects	Group Projects	
Wednesday	Group Projects	Group Projects	
Thursday	Group Projects	Group Projects	
Friday	Group Projects	Group Projects	
Week 14 - Final Projects	AM Topic / Task	PM Topic / Task	
Monday	Group Projects	Group Projects	
Tuesday	Group Projects	Group Projects - Feature Freeze	
Wednesday	Feedback Demos / Bugs	Bugs / Bug Fixes	
Thursday	Bug Fixes	Pitch Practice	
Friday	Demos for Employers	Course retrospective / Graduation	