Web Development

No Matter Which Route You Take
- FTP & Web Host Setup (hostgator)
- Basic Terminal Usage
- Basic SSH
- Github Basics
- Learn How Client & Server Talk To Each Other
- RESTful Web Services / GET POST PUT DELETE requests

I Keep Coupons & Deals updated here

Basic Front End
- Text Editors
  - Atom.io
  - Sublime Text
  - Brackets.io
- HTML
- CSS
- Javascript Fundamentals
  - Javascript is Weird and awesome
  - Modular JS
- jQuery

Front End Developer
- ES6/ES2015 (Babel)
- CSS Tools
  - Precompilers: SASS / LESS / Stylus
  - CSS Frameworks: Bootstrap / Foundation
  - Responsive Design with CSS
- Frond End Build Tools
  - Task Runners
    - Gulp
    - Grunt
  - Dependency Management
    - Browserify
    - Webpack
    - Bower/package management
    - Yeoman.io
- MV* Javascript Frameworks
  - React.js
    - Mobx
    - Flux
    - Redux
    - Relay
    - GraphQL
    - create-react-app
  - Angular.js
  - Ember.js
  - Vue.js
  - Unit Testing
    - Mocha
    - Jasmine
    - Karma
    - enzyme (testing react)
  - Clojurescript
  - Elm

Back End

Scripting Languages
- Node.js (express^, hapi^)
- Python (django, flask^)
- Ruby(Ruby on Rails, Sinatra^)
- PHP(Laravel, Symfony2, Lumen^)

Functional Languages
- Elixir
- Scala
- Clojure
- Haskell

High-Performance/Compiled Languages
- Go / GoLang
- Rust
- Java
- C#

Dev Ops
- Web Platforms
  - Digital Ocean
  - Amazon Web Services (AWS)
  - Azure
  - Rackspace
  - Heroku
- Server Management (configuration management or CM)
  - Linux
  - Docker
  - Ansible
  - Salt
  - Chef
  - Puppet
- Docker (containerized applications and databases)
  - Big Scale: Kubernetes, Mesos
  - Small Scale: Docker Swarm, Docker 1.12 swarm
  - UI-Driven: Rancher, Docker Cloud, Docker Datacenter/Universal Control Plane
- Continuous Testing & Delpoyment
  - Jenkins (on your own hardware)
  - SemaphoreCI
  - CircleCI
  - Codeship
- Vagrant (local environment developmet)

Caching
- Nginx (Server)
- Apache (Server)
- Database (Redis)
- In-Memory

Data
- Relational: MySQL, PostgreSQL
- Redis / sessions / caching
- Document: MongoDB, Couchbase, RethinkDB
- Search Engine: ElasticSearch, Solr

Things to Learn
- Unit/Functional Testing for Chosen Technology
- API's / RESTful Services
- Security
- Authorization/Authentication
  - OAUTH2
  - JSON WebToken
- SOA (Service Oriented Architecture) / Microservices
- Deploying your app (flightplan: nodejs, Fabric: python, Capistrano: ruby)
- websocket
- ORM/Data Structure