{gt: webdev}

official mission statement

To provide community, assistance and education to CoC students interested in Web Development through a reliable and well-formed process maintained by dedicated individuals.

unofficial mission statement

to build cool shit

the tools we'll be using

Ruby
Sinatra
Ruby on Rails
git
Github
heroku
Postgres/MySQL/SQLite
javascript
HTML5/CSS3

but primarily

Ruby
Ruby on Rails
Postgres

installing: windows

http://railsinstaller.org should do everything for you

* note: Ruby/Rails dev on Windows isn't easy! We recommend using Linux (Ubuntu)

installing: linux

Make sure you have `build-essential`
packages installed

Install RVM (Ruby Version Manager). In
terminal:

```
curl -L https://get.rvm.io | bash -s stable --ruby
```

Also at: `http://rvm.io/rvm/install`

installing: os x

Install the OS X CLI (command line tools) from http://developer.apple.com

Install RVM (Ruby Version Manager). In terminal:

```
curl -L https://get.rvm.io | bash -s stable --ruby
```

Also at: http://rvm.io/rvm/install

intro to ruby

variables:
```ruby
time = '7:30'
name = 'gt-webdev'
```

functions:
```ruby
def awesome
  puts 'free food? what?'
end
```

intro to ruby - arrays

```ruby
fruits = ['apple', 'banana', 'hamburger']
```

Looping over arrays:
```ruby
fruits.each do |fruit|
   puts fruit
end
```

This will print:
```
apple
banana
hamburger
```

sinatra

Sinatra is a very simple web framework.

```
gem install sinatra
```

your first website in Ruby/Sinatra

create a file named 'index.rb', and in your favorite editor type:

```ruby
require 'sinatra'

get '/' do
  'hey you!'
end
```

then run it!

```
$ ruby index.rb
```

You should get a message telling you what port sinatra is using.

with a web browser go to: "http://localhost:[PORT]/"
(replace '[PORT]' with the port you found out earlier.

text editors

Notepad is nice, but consider one of the following:

Vim - Command-line, cross-platform, extensible. Useful when you are using `ssh` to connect to a server.

Notepad++ - GUI, Windows. Syntax highlighting for most languages, advanced commands.

gedit - GUI, Linux, Similar to Notepad++.

mac editors - Red Car Editor, Vicoapp, Sublime Text Editor (not free), TextMate (not free)

emacs - command-line/GUI, cross-platform. For programming Hipsters. More of an OS, less of a text editor.

and that's it!

Follow us on Github!

https://github.com/gt-webdev

https://github.com/djwhatley
https://github.com/Magicjarvis
https://github.com/thedekel
https://github.com/tomelm