



DEPOT/U

Web Concepts – Computer Setup - HTML/CSS

# Agenda

9am	Introductions/Breakfast
10am	Web Concepts
10:30am	Innovation Depot Tour (Molly Watkins)
11:30am	Computer Setup – HTML/CSS
12pm	Lunch
1-5pm	Coding!



# Introductions

- Name
- Level of Experience
- Work History
- Hobbies



# Web Concepts

- TCP/IP - DNS
- External vs. Internal Addresses
- Web Servers
- Protocols (http/https/ftp)
- Web Browsers



# Web Development

- What is an IDE?
- What programming languages work on the web?
- How do you deploy sites?
- How do you test sites?
- What are Content Management Systems?



# Innovation Depot Tour



# Computer Setup

- Git, Slack, VS: Code, Sublime, Node.js, Chrome
- What is Node.js and why is it important?
- Install global Node Packages
  - Less, TypeScript
- Markdown Reader – Chrome Extension
  - For lab checklists



# Git and GitHub

- Source Control
- Issue Tracking
- Commands

```
git clone url  
git add -A  
git commit -m "my comment"  
git status  
git remote  
git push/pull
```





# HTML – Hypertext Markup Language

- Type Declaration

```
<!DOCTYPE html>
```

- html, head, body

- Elements

```
<div>
```

- Attributes

```
<div class="row red">
```



# HTML - continued

- Referencing Files
  - Relative vs. Absolute
- Debugging Issues
  - Intro to Chrome debugger
- Not all browsers are created equal



# CSS – Cascading Style Sheets

- Why use CSS and not in-line styles?
- Should I ever use in-line styles?

- Selectors

- `div {}`
- `.those-divs {}`
- `#thisdiv {}`

- Declaration

```
div {  
    property: value;  
}
```



# Day 1 Lab

Create a resume using HTML and CSS

