



الأكاديمية السعودية الرقمية  
SAUDI DIGITAL ACADEMY



CODING<sup>™</sup>  
DOJO



Web  
Fundamentals

# Welcome to Orientation!

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## Instructor

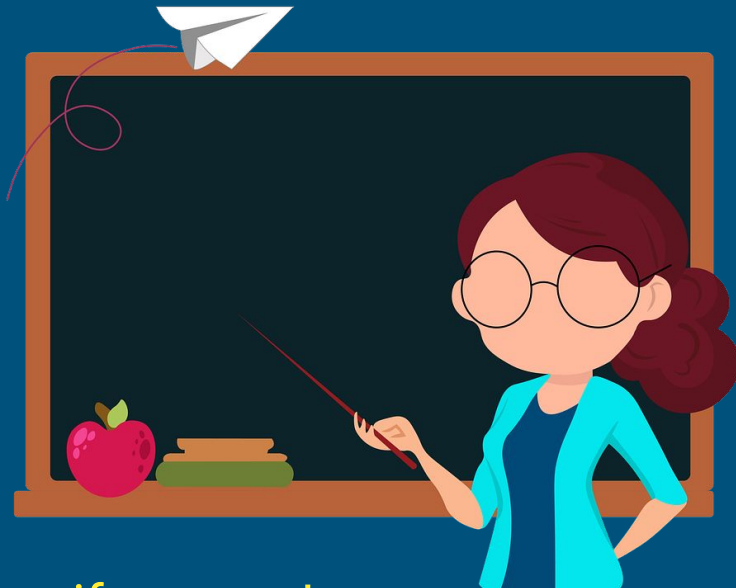
Monica Hong

[mhong@codingdojo.com](mailto:mhong@codingdojo.com)

## TA

TBD

Alreem Alabbad



Please turn on your camera if you can!

Or update a unique profile picture

# Get to know each other!

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1. What is your name?
2. Where are you streaming from?
3. Fun fact about yourself
4. Share any hobbies or interests

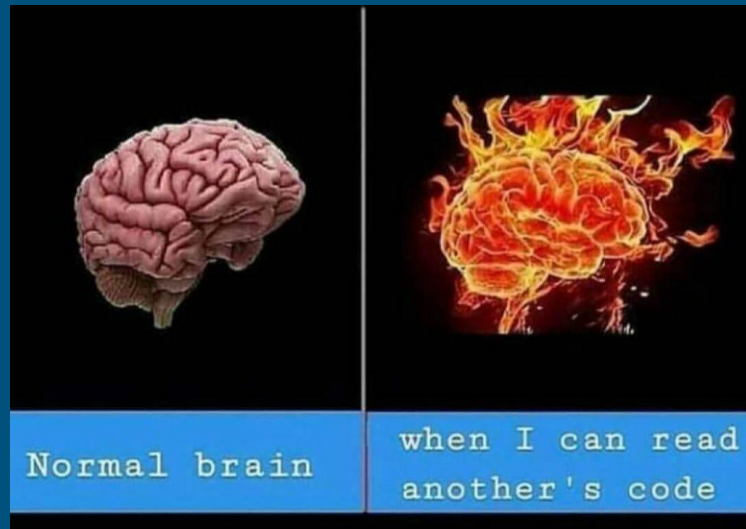


# Welcome to Orientation!

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## 14 Weeks Full Stack Web Development

- 2 Weeks Web Fundamentals
- 4 Weeks Python/Flask/Django
- 4 Weeks JavaScript - MERN
- 4 Weeks C#/.NET
- Work with Teams entire 14 weeks



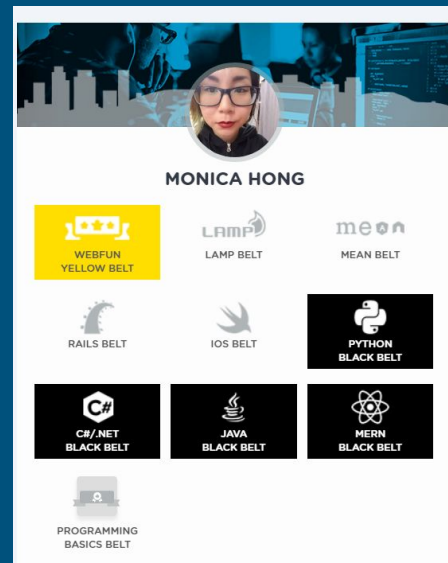
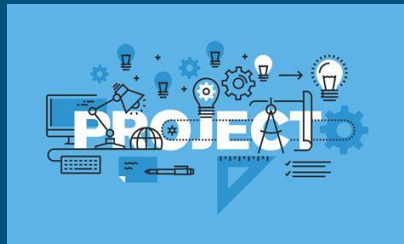
**GOAL: Self-Sufficient Developer**

# Graduation Requirements

- Attendance
  - **80%** Attendance overall
  - Let me know if you are going to be absent
- Assignments
  - **70%** completion of **required** assignments each stack
  - Skip **optional** assignments if you are falling behind
  - Let me or TA know if you are struggling with anything

# Graduation Requirements

- Belt Exams
  - Yellow Belt in Web Fundamentals
    - Thursday of Week 1
  - Red Belt or better in Python and 1 other stack\*
  - Thursday of Week 3
- Projects
  - 1 in each stack during Week 4
  - present to class or video




# Welcome to Bootcamp!

## Course Information

- Zoom
- MatterMost
- Syllabus
- Schedule
- Learn Platform
- GitHub Repository
- Team Resources\*



HTML CSS JS			Web Fundamentals Daily Schedule			 CODING DOJO	
Lecture Zoom Link	Schedule 1:1	Assignment Checklist					
Week 1							
Sun 3/28 HTML & CSS 9:00 Orientation - Client/Server Model 9:30 Web Basics - Client/Server Model 10:00 <a href="#">Git/Version Basics</a> 10:30 <a href="#">Class Assignment: Public Storage</a> 12:00 Lunch 1:00 Assignments - Pair Programming	Mon 3/29 HTML & CSS 9:00 Alpha & Data Structures 10:00 Discussion Lecture - CSS 10:30 Pair programming - Pair Your Work 12:00 Lunch 1:00 Assignments - Pair Programming 3:00 Web Devs	Tue 3/30 HTML & CSS 9:00 Alpha & Data Structures 10:00 Discussion Lecture - CSS cont'd 10:30 Pair Programming 12:00 Lunch 1:00 Assignments - Pair Programming 3:00 Optional	Wed 3/31 EXAM Prep 9:00 Alpha & Data Structures 10:00 DevOps 10:30 Exam Prep 12:00 <a href="#">ACTIVITY DAY</a> 1:00 Lunch 2:00 Assignments - Pair Programming 3:00 Afternoon Discussion	Thu 4/1 BELT EXAM 9:00 <a href="#">Web Fundamentals Exam</a> 3:00 Afternoon Discussion			
<a href="#">Table, Blob, Image</a>	<a href="#">JavaScript Basics</a>	<a href="#">Portfolio</a>	<a href="#">Python Assignment</a>				
EOC: <a href="#">Table, Blob</a> Reading: <a href="#">Leap Concept</a>	EOC: <a href="#">JavaScript Basics</a> Reading: <a href="#">Build to Learn</a>	EOC: <a href="#">Portfolio</a> Reading: NA	EOC: <a href="#">Python Assignment</a> Reading: NA	EOC: <a href="#">Reading</a>	EOC: <a href="#">Storyboard Narrative</a>		
Week 2							
Fri 4/2 JavaScript 9:00 Alpha & Data Structures 10:00 Discussion Lecture 10:30 Pair Programming 12:00 Lunch 1:00 Assignments - Pair Programming 3:00 Discussion - Objects	Sat 4/3 JavaScript: DOM 9:00 Alpha & Data Structures 10:00 Discussion Lecture - DOM 10:30 <a href="#">Group Activity</a> 12:00 Lunch 1:00 Assignments - Pair Programming 2:00 QA	Sun 4/4 jQuery 9:00 Alpha & Data Structures 10:00 Discussion Lecture - jQuery 10:30 <a href="#">Group Activity: jQuery</a> 12:00 Lunch 1:00 Assignments - Pair Programming 2:00 QA	Mon 4/5 Thumbnails - Projects 9:00 Alpha & Data Structures 10:00 Discussion Lecture - Projects 10:30 <a href="#">Activity: jQuery</a> 12:00 Lunch 1:00 Projects 2:00 QA	Tue 4/6 Thumbnails - Projects 9:00 Alpha & Data Structures 10:00 Projects 10:30 12:00 Project presentation 2:00 Grad Ceremony 3:00 Python Projects Creation (optional)			
<a href="#">Table, Blob, Image</a>	<a href="#">JavaScript: DOM</a>	<a href="#">jQuery</a>	<a href="#">Thumbnails &amp; Projects</a>				
EOC: <a href="#">Table, Blob</a> Reading: <a href="#">Leap Concept</a>	EOC: <a href="#">JavaScript: DOM</a> Reading: <a href="#">Build to Learn</a>	EOC: <a href="#">jQuery</a> Reading: <a href="#">jQuery API</a>	EOC: <a href="#">Thumbnails &amp; Projects</a> Reading: <a href="#">jQuery API</a>	EOC: <a href="#">Python Stack</a> Reading: NA	EOC: <a href="#">Python Stack</a> Reading: NA		



# Today's Schedule

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**9:00AM**

10:00AM

12:00PM

1PM ~ 3PM

3:00PM

4:45PM

**Orientation\***

First Discussion

*Lunch / Prayer*

Team Meetings

Afternoon Discussion

Recap the Day





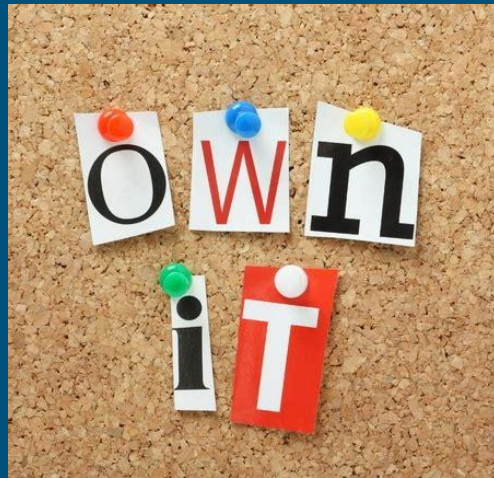
# Expectations

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**GOAL: Self-Sufficient Developer**

- **Own Your Success**

- Give your best effort
- Participate in discussion and ask questions
- Learn how to ask better questions
- Help your classmates
- Treat this like it is a job
- Be ready to put in 60+ hours each week



# Dojo Rules

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## 1. Be Present

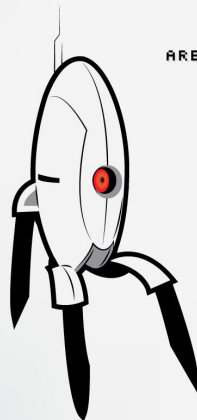
- 9:00AM\* Algorithms
- 10:00AM\* Recap and Discussion
- 12:00PM Lunch
- 3:00PM\* Afternoon Discussion
- 4:45PM End the Day Recap

\* Attendance is taken at these times

**RULES**



ARE YOU STILL THERE ?



# Dojo Rules

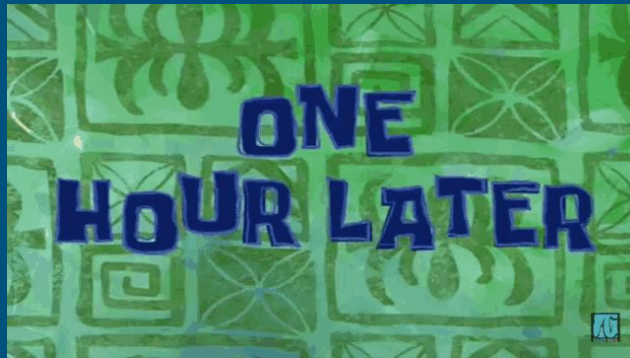
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## 2. Strength Through Struggle

### a. 20 Minute Rule

- i. On your own - Platform, Google, StackOverflow, etc..
- ii. Ask for help:
  1. 2 other teammates or classmates
  2. TA
  3. Instructor

When it's been 7 hours and you still can't understand your own code



# Dojo Rules

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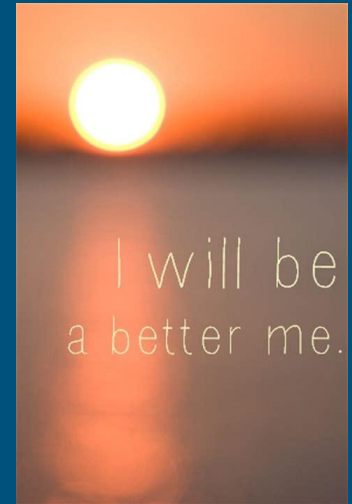
"Nothing can help someone with a *bad* attitude...  
But nothing can stop someone with a POSITIVE attitude."

## 3. Be Humble

- a. Be nice and respectful to each other

## 4. About Attitude...

- a. Maintain a growth mindset.
  - i. You can always improve and learn
  - ii. Focus on improving from where you were yesterday, do not compare yourself to others
- b. Every situation is an opportunity to learn.



# Dojo Rules

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## 5. Plagiarism

- It is normal to find answers on the web
- Automatic expel if entire assignment is **copied**

Example:

- Copy Pasting **your own code** is **OK**
- Finding small snippets on Google or StackOverflow is **OK**
- **DO NOT** search for entire code and turn in



# Monica's Special Rules <3



## 6. BE CURIOUS

- Have a curiosity like a child
- Keep trying different things to learn
- Start by asking, "Why?"

## 7. HAVE FUN!

- Easier to learn when you are playing!
- Make steps smaller

M.BISON		AKUMA		DAN		DHALSIM		ZANGIEF		GEN		ROLENTO		SAKURA	
PSYCHO SHOT	CHARGE	GOU-HADO-KEN		GADOU-KEN		YOGA FIRE		SPINNING LARIAT		CRANE STYLE	PUSH 3 punches/kicks at the same time to change the style.	MANTIS STYLE	PATRIOT CIRCLE	HADO-KEN	
SCISSORS KICK	CHARGE	GOU-SHOURYU-KEN		KOURYUU-KEN		YOGA FLAME		SPINNING PILE DRIVER		HYAKURENKOU	PUSH RAPIDLY	JYASEN	STINGER	SHOUOU-KEN	
HEAD STOMP	CHARGE	TATSUMAKI-ZANKUU-KYAKU		DANKUU-KYAKU		YOGA BLAST		GLOWING FIST		GEKIROU		OUGA	AIR RAID	SHUNPUU-KYAKU	
RYU		KEN		CHUN-LI		SAGAT		ADON		BIRDIE		GUY		SODOM	
HADO-KEN		HADO-KEN		LIGHTNING KICK	PUSH RAPIDLY	TIGER SHOT		JAGUAR KICK		HEADBUTT	CHARGE	AIR SUPLEX	JITTE STRIKE	SONIC BOOM	CHARGE
SHOURYU-KEN		SHOURYU-KEN		SPINNING AIR KICK	CHARGE	TIGER KNEE		RISING JAGAER		SLEDGE-HAMMER	CHARGE	WHIRLWIND KICK	POWER SLAM	FLASH KICK	CHARGE
TATSUMAKI-ZANKUU-KYAKU		TATSUMAKI-ZANKUU-KYAKU		KIKO-KEN		TIGER UPPERCUT		FANG KICK		CHOKE CHAIN		DASHING CRESCENT	SPINE GRINDER	AIR THROW	

# Daily Surveys...

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- We receive as Anonymous
- Be honest
- Write constructive feedback
- Will be reviewed to improve





# Questions??

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# Teams

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- In a few minutes you'll see your Team
- Same Team for 14 weeks
- Start working with Team today
- As if you joined a Dev Team
- Decide a Team Name and tell me
  - I will create Team Channels in MatterMost



### **Team - 1**

Abdulaziz Alamro  
Abeer Alqeleti  
Amal Almaymuni  
Layla Alharbi  
Maha Aljohani

### **Team - 2**

Aisha Shhrani  
Amani Elhussein  
Maram Alqhtani  
Rana Alotaibi  
Yara Alhumaidhi

### **Team - 3**

Hanen Alqahtani  
Malak Alsumail  
Rawan Alhazmi  
Samaher Almutairi  
Turki Almutairi

### **Team - 4**

Hissah Alduhaim  
Hussain Alhadab  
Mohammed Amer  
Rahaf Alsukhaiber  
Sadeem Bin Mohareb

### **Team - 5**

Amaal Almehmadi  
Anas Alhmoud  
Nouf Albogmi  
Rawabe Ebrahim  
Tasneem Alsalem

### **Team - 6**

Afnan AlAmeer  
Aldanah Aldohayan  
Rawan Alsabbah  
Samaher Almalki  
Wafa Salem

### **Team - 7**

Asrar Alqarni  
Badr Albalawi  
Lama Alsulaiman  
Norah Alothman  
Reem Almabadi

# Take a Break...

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Let's take a few minutes to get up and stretch our legs! Also get more coffee..

- Come back in 10 minutes
- Start First Discussion about:
  - What is Internet
  - HTTP Request/Response Cycle
  - DEV TOOLS / HTML Intro
  - Terminal Commands
  - VS Code

