

Sign in here!



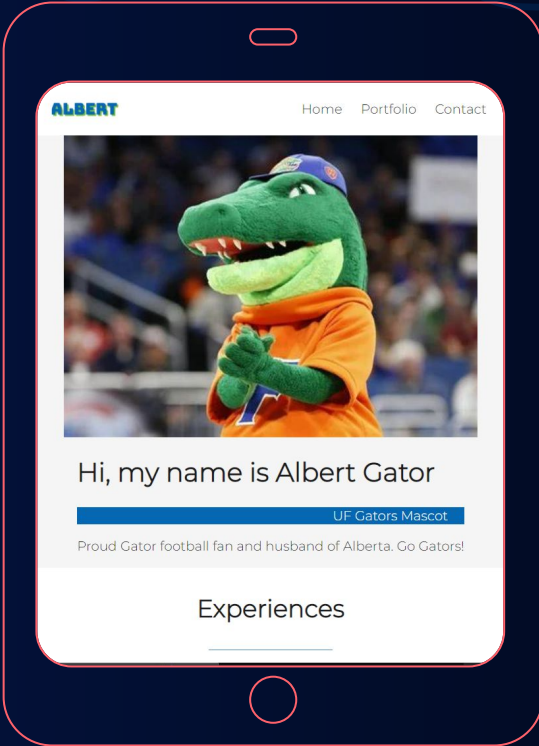
# Technical Workshop #1: PERSONAL WEBSITE

---

Pre-Workshop Setup

For code template go to:

<https://github.com/tam-n-huynh/F22-P-Web-Template>



# DEMO

<https://white-field-0655c120f.2.azurestaticapps.net/>

# ABOUT THE WORKSHOP

- 1 Content will be **recorded and posted** for future reference.
- 2 Feel free to code along or watch, the codebase will be up for anyone to access via Github.
- 3 The **Github will have up to date instructions on how to run the code** + how to make customizations to the template.
- 4 ***Introductory workshop***, some harder concepts will be brushed over for the purpose of learning/introducing them
- 5 The recommended way to get as much from this workshop is to digest the info live, and review via recording or referencing the codebase in your free time

# Workshop Fundamentals

01.

## Why have a personal website?

Benefits of a personal website.

03.

## HTML/CSS

Introductory look into how HTML/CSS functions

02.

## REACT.JS

What is React.js? Why learn it?

04.

## AZURE

What is Microsoft Azure? How can students use it.

# 01. WHY HAVE A PERSONAL WEBSITE



# BENEFITS



## RESUME BOOSTER

Great addition to add to your resume.



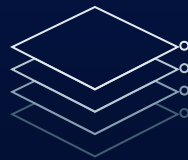
## CONVERSATION STARTER

Recruiters will bring it up or even go to it for interviews



## CREATIVITY

Shows how you stand out compared to others.



# TECH STACK



**GitHub**

Most popular version control.  
Used to **store your code online**

**node**



**Back-End** JavaScript  
runtime environment



**Git**

Tool for **version control**



**Azure**

**Cloud service** by Microsoft  
which allows limited free  
usage for students

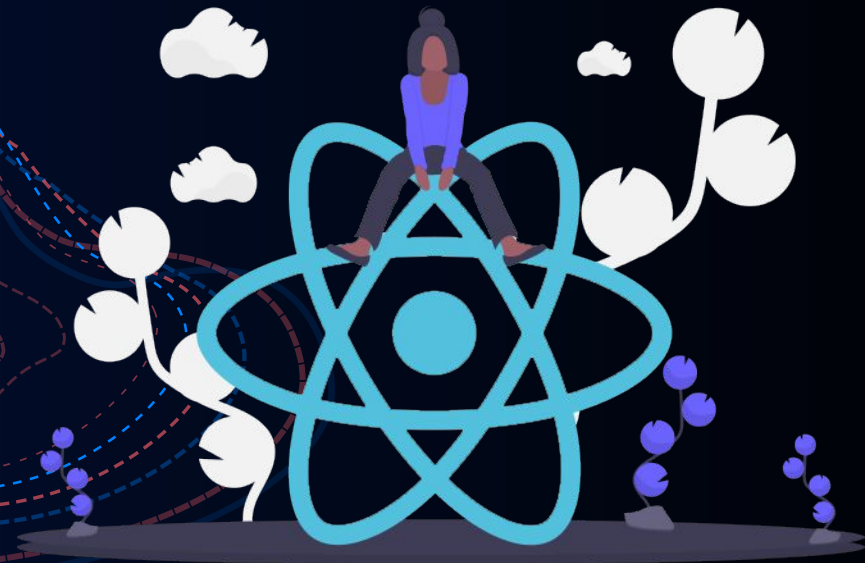


**JavaScript/HTML/CSS**

**Coding languages** used to  
develop a website

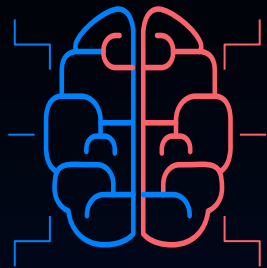
02.

REACT.JS





# What is it and Why learn it?



**TLDR:** JavaScript Library for *building user interfaces*

- React is component based (OOP)
  - Makes it so information can easily be passed throughout the app.
- Learn once, use anywhere:
  - Learn react and you can make web apps on servers and mobile apps(iPhone + Android).
- Valuable skill to have



## Companies that use React

Source: <https://medium.com/front-end-weekly/top-25-companies-brands-using-reactjs-development-8be87b32cec2>

03.

HTML/CSS





# HTML

Hypertext Markup Language

- The language used to describe the **structure** of your website



# CSS

(Cascading Style Sheets)

- The language used to provide the **visuals** of your app (The hard part)

Best source for learning both: <https://www.w3schools.com/>

04.

Microsoft **AZURE**



# What is Azure?



**Microsoft Azure** is a cloud service by Microsoft.

They have more than 200 products and are an industry standard for cloud technology.

The product this workshop is using is [Azure Static Web Apps](#)

- Allows **free student hosting**
- Sets up CI/CD automatically

A “pay for what you use” service that allows for flexible pricing



# LIVE CODING



# THANKS!

Github Repo:

<https://github.com/tam-n-huynh/F22-PWeb-Template>