

JOSHUA ESCALANTE

Portfolio: bandersnatchboy.github.io/ | GITHUB: BandersnatchBoy | LinkedIn: joshuaescalante12
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EDUCATION

The University of Texas, San Antonio Bachelors of Arts, Multi-Disciplinary Studies

Business Administration, Communication, Psychology

Lonestar Community College, Associates of Arts, Liberal Arts

SKILLS & CERTIFICATIONS

SKILLS: Java, C, CSS, HTML5, Bootstrap 4/5, ReactJS, AngularJS, JavaScript, JSON, jQuery, GIT, WordPress, XML, CORS, Powershell, Pandas Data Frames(Python)

Certifications: HTML, CSS, and JavaScript for Web Developers | **CompTIA (A+):** Provide Support in Core Technologies: Configuring Operating Systems (Windows, MacOS, Linux), Support Basic Network Infrastructures (IoT), Administer Client-Based & Cloud-Based Software (SAAS)

PROJECTS & EXPERIENCE

Audiophile Demo

January 2025

- Utilized jQuery DOM manipulation to dynamically stack 57 real record images from a data file containing unique record data (file names and y-coordinates) retrieved through a jQuery AJAX request.
- Employed Gemini AI to help build an isolated pixel grid within the record box for responsiveness, and a mouse coordinate reader that helped during testing.
- Shuffling algorithm built with JavaScript utilizing real time mouse data and unique record data interpolated from record object properties.

Technical knowledge gained from experience: Utilizing AI, JavaScript, jQuery, AJAX, DOM Manipulation

Sleep Data Exploration

August 2022

Gathered data (.csv files) surrounding the sleep habits of college students during the 2022 Summer semester and explored theories of this dataset by using Python's Pandas library to manipulate, analyze, visualize and then further organize this research into a written formal report supplemented with tables and graphs.

Developer Portfolio: <https://bandersnatchboy.github.io>

May 2021

Personal project to further develop my ability to build responsive and user optimized webpages.

Technical knowledge gained from experience: HTML5, CSS3, GIT, JavaScript, Bootstrap 4

Restaurant Website

April 2021 – May 2021

Built this website under the web development mentorship of professor Chaikin from the Whiting School of Engineering and his elaborate course on techniques surrounding responsive design, Cross-Origin resource sharing, dependency injections and data binding HTML elements with JS.

Technical knowledge gained from experience: HTML5, CSS3, JavaScript, Bootstrap4, GIT, JSON, XML, Ajax, CORS

E-Commerce Website: www.yummytummypastries.com

May 2020 - September 2020

Created developed webpages utilizing CSS & HTML style sheets to retain customers and convert sells with SEO strategies. Conceptualizing process done in close collaboration with my clients as their web designer. **Technical knowledge gained from experience:**

- Client Side Development (HTML5, CSS3, WordPress)
- Strategies to Increase Online Presence (SEO)
- Organization and planning skills

Airport Data Base

October 2019

Created a C program that stores Airport Data (Structs) and computes this information based on programmed functions for the user to have fun with. **Technical knowledge gained:**

- Intermediate understanding in C
- Manipulating Structs of Data
- Dynamic Memory Allocation in C

Color Memory Game

September 2018

- Programmed entirely with Java, utilizing grids and arrays to challenge users that increments in difficulty after each round. **Technical knowledge gained from experience:**
 - **Object Oriented Programming (Java)**
 - **Introduction to Grid Layouts in Java**
 - **Array manipulation**

Work Experience

L&R Bakeries: **Web Developer/Designer** www.yummytummypastries.com **May 2020 – September 2020**

- Professionally Designed an E-Commerce Webpages , Menu Creation (Pictures/Descriptions), Website maintenance and migration (WordPress)

Funnel Boost Media: **Junior Web Developer – Web Developer** **September 2022 – October 2024**

- Configure/Setup PHP 8 Servers, and proficiently build out end to end, tested WordPress sites for independent businesses seeking web development & SEO expertise.
- Prepared to develop Agile UI/UX feature rollouts within PHP/JS in Wordpress Core files, Shopify Liquid theme files pushing code via FTP.
- Pivot between troubleshooting server resource problems, plugin conflicts, and website edits – utilizing a diversity of web development skills among UI/UX
- Ongoing code contributions to internal ReactJS building UI/UX and server-side requests.