

Iva M. Brooks 001076024

City Colleges of Chicago

Capstone Course 260

Personal Professional Website Development

Table of Contents (manual)

1. Project Overview
2. System Structure
3. Technical Code Documentation
4. User Documentation
5. Appendix

Section 1: Project Overview

This following information provides documentation for personal professional website belonging to Iva M. Brooks. The project is a static HTML based website using Tailwind CSS. The Personal Professional Website presents biographical information such as resume-style content, publications, awards, and a contact form. The purpose of this documentation is to describe the project's structure, explain how each component of the code functions, and provide end-user instructions for interacting with the website.

Section 2: System Structure

The website is composed of the following high-level components.

- Header and navigation
- Bio section with profile image
- Education section

- Experience section
- Publications section
- Awards section
- Contact form with JavaScript handler
- Footer

Section 3: Technical Code Documentation

1. HTML Structure

This HTML document follows a conventional structure using headers, mains, sections, and footer elements. Tailwind CDN is loaded via script tags to allow utility-class styling.

2. Custom Styles

There are several small style blocks defining a lemongrass color theme, including custom class names.

3. JavaScript Functions

The file includes a contact form handler which captures form submissions, prevents the default browser from refreshing attribute behavior, displays a temporary message, and clears the form. Another script automatically updates the copyright year.

Section 4: User Documentation

The website's design and aesthetic target capture audience is a basic navigating end-user ranging in age from a 1-year-old through to a 101-year-old. The website's development to an end-user is simple virtual data input and downloading capabilities in viewable content data.

1. Navigating the Website

Users can access sections using a navigation bar, which can scroll to sections within the websites of components such as Bio, Experience, Publications, and Contact sections.

2. Viewing Publications

Publications are and/or can be presented as cards with titles, optional digital object identifier (DOI) fields, and can be linked to downloadable PDF documents.

3. Submitting the Contact Form

An End-User can enter their name data, email data, and message data. The form displays a simulated confirmation message and does not send data to a backend

Section 5: Appendix

This appendix contains an open-source HTML source code for reference for the personal business website for Iva M. Brooks and/or in reference to Iva M. Brooks, Cybersecurity Newbie.