

WAPH-Web Application Programming and Hacking

Instructor: Dr. Phu Phung

Student

Name: Salma Mohammad

Email: mohamms4@mail.uc.edu

Short-bio: Salma Mohammad hopes to learn more about ethical hacking and secure software development.

Repository Information

Repository's URL: <https://github.com/mohamms4-uc/mohamms4-uc.github.io/tree/main/individual-project1>

Link to hosted website: <https://mohamms4-uc.github.io/index.html>

This is a public repository hosted on github.io for Project 1. The organization of this repository is as follows.

Overview

In this project, I developed a professional profile website using front-end web development skills and deployed it on GitHub Pages. The project involved creating a personal website with my resume, contact information, and educational background. Additionally, I integrated JavaScript functionalities, public APIs, and a page tracker. The project is designed to target potential employers and showcases my web development abilities.

General Requirements

I met the general requirements of uploading a headshot, contact info, and my name by using the basic HTML template we used in Lab0. This is very easy as you're just using basic HTML tags. I used the **href** tag to link the page to my **waph.html** file which takes you to another webpage.

Non-technical Requirements

I used an external sheet from https://www.w3schools.com/css/demo_default.css to give the overall template of my website. In the beginning of my file, you can see all of my internal CSS that I used to style the different aspects of my template. I also used in-line CSS when styling different words or phrases.

Technical Requirements

Functionalities

The digital and analog clocks are included in the sidebar. In the ‘About Me’ section, you can click ‘here!’ to show/hide my email. Another functionality I implemented was page navigation. When you click the tabs, it navigates you to another page.

jQuery & other Frameworks

The fetchJoke function uses jQuery’s \$.get method to fetch a joke from the API and display it in the sidebar. The other open-source library I am using is for the analog-clock (<https://waph-uc.github.io/clock.js>) provided for us from Lab 2 and also I used the w3schools library template for my external CSS reference.

Two Public APIs

In the sidebar to the righthand side, I implement the weather API and the joke API. Each API has a clickable link cited underneath to show it is not my work.

JavaScript Cookies

The website can track if you’re a returning visitor and also documents the last time in which you joined the page. This can be found under the main header of the page.

Extra Documentation

1. My report (this document)
2. Deployed website printed from a browser in PDF: [Download PDF](#)
3. Source code of deployed website printed from a browser in PDF: [Download PDF](#)