**Home:**

**Welcome**

I am a student from Manchester Metropolitan University with a particular interest in web design, front-end development and UX/UI Design.

**Web Developer**

With a particular interest in web design, front-end development and UX/UI Design.

**Introduction & Background**

Introduction

My name is Ivaylo Stoyanov. I am Manchester Metropolitan student, studying Web Development. Just starting the third year of my course and I feel really inspired and driven by the knowledge I am learning.

Background

I am a really passionate driven person and I tend to follow my own dreams and life goals. Coming from another country (Bulgaria) I have had to overcome a lot of minor and major tasks in my path in order to follow my dream. Designing and creating websites has always been a passion of mine, and I feel really excited to share my work and knowledge with you and others.

**PROJECT:**

**Description - must**

**Inspiration - can**

**Aim of project - can**

**The process – must**

3-4 sentences

**Mobile friendly - if so must**

**Color scheme and typography – must**

**Project 1 - Food menu**

Description:

The Food menu is a restaurant menu that adapts according to the current date and time in order to provide the client with the most up to date information of the day. It contains three sections one for Saturday, one for Sunday and another for the days of the week. There is also a search bar included if the client wishes to search for a specific food of the menu, and an image box circling between the different foods.

Aim:

To create a food menu containing recipes for week days, Saturday and Sunday, while giving the option to use a search bar and having images circled.

The Process:

Everything other than the styling, which is a stylesheet given to us by our lecturer, is coded with my JavaScript and AJAX & JSON knowledge. For the individual menu sections I have used AJAX calls to reach out to JSON files for the information and then use a function to display it as part of the html.

**Project 2 - Encryptor / Decryptor**

Description:

This aplication allows you to encypt or decrypt messages with a different difficulty. It scales up to 5.

Aim:

The Process:

To build this Encryptor we were required to first call the boxes in html and then add JavaScript to make it functional. First, I made the encryption math for just a single letter encryption. It needed to get the letter that was input and convert it one letter forward to the alphabet. Later on, the numbers increased. To jump over the x, y, z letters I needed to reverse the calculation and backtrack the letters instead. Then the decryption method used the reverse way of the encryption to decrypt the message and display it.

**Project 3 - Order Form**

Description:

The form is made for a T-shirt company to let the user order products. They can pick out of two different products, quantity, and their delivery type. To do that they are required to fill in their first name, family name and pick the type of customer they are to calculate if they get a discount or not. All sections must be filled for the form to calculate your full order.

Aim:

To code a check out form for a T-shirt company in desperate need.

The Process:

To build the order form only JavaScript and HTML were required. All the data needed to be displayed via an html element on the bottom of the page when the customer ordered their required stock, but firstly they needed to fill in the whole form. If one section is left clear the user will receive a pop up message advising them to go back and fill it in. After the client picks, everything depending on their purchase a calculation is started to apply the discount from the customer status and then the delivery method is added to display the final price in the html field as total cost.

**Project 4 – The students guide to Manchester**

Description:

Our product is a guide to inform young adults, their parents or anyone enquiring about possibly attending the Manchester Metropolitan University.

Aim:

The goal is to sell the Manchester student experience to the intended audience, by providing past student experiences and information on city life.

The process:

To create this website, we adopted an agile approach. We organized SRUM meetings every week with different tasks for each of us. We also created a site map of our website, did a closed and open card sorting exercise, competitor analysis, personas and a “user journeys” before we started coding any of it in order to make sure we give the best experience to our users.

The moral:

As a group, this project seemed to be easier at first hand because there were five of us. Although I will not lie it was quite hard to work in a team. We needed to manage our personal time according to the meetings there were a lot of new things to keep in mind like team scrum meetings. I used GitHub for the first time and learned a decent amount of social skills and how to deal with team arguments.

**Project 5 - Student Search (Northern Quarter)**

Description:

Student search is a website that will be a resource to students that don not know where to go in the northern quarter. It is a “for students by students” type of website meaning it will have student recommendations and reviews on: shops, bars, clubs and food. Within the Northern Quarter.

Aim:

The aim of Student Search was to create a “search engine” style website providing a student’s guide to the northern quarter, by students. The main Objectives we decided upon were:

To create fully functioning, interactive and informative website guide to the northern quarter, for students, by students.

Provide a student friendly, review style website about the northern quarter.

Have an attractive, appealing, easy -to-use, content base site.

Introduce students of all ages and backgrounds to the northern quarter.

Hand pick the best locations we think (as students) students would enjoy/benefit from the most.

Help students to get out and about around the city, and in contrast to the rating sites such as TripAdvisor, which recommends all types of places, feature those with the most range, the cheapest drinks, alternative nights out.

The process:

To create this website, we adopted a waterfall approach. We organized SRUM meetings every week with different tasks for each of us. We also did a closed card sorting exercise, competitor analysis, personas and a “user journeys” before we started coding any of it to make sure we give the best experience to our users.