Michael Moawad

Front End Software Engineer
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A creative and meticulous self-taught Front-End Developer with a passion for responsive design and mobile-first approaches looking to kick-start my professional career in web development. After obtaining my degree in Mechanical Engineering with a 2:1 from the University of Southampton, I have extended my skill set to now becoming competent in JavaScript, HTML and CSS with experience with frameworks such as React, SASS and more.

Skills

Languages

JavaScript ES2015 (ES6)
HTML
CSS
PHP
Python
MATLAB

Frameworks

React
SASS
Semantic UI
Bulma

Technologies/Software

Git / GitHub
Linux VPS
MySQL
Terminus (SSH Client)
Filezilla
Adobe Photoshop
WordPress
Magento 2

Portfolio Website - MichaelMoawad.com

Software Development Experience

Living And Powerful Ecommerce Website, Cumi Ltd   07/2020 - Present

An Ecommerce website that ships NKJV bible themed illustration cards and accessories suitable for all ages.

- Developing an Ecommerce website within Magento 2 in combination with HTML5 and CSS3 to develop functional and responsive design blocks designed by the clients with a mobile-first design approach in mind.
- Maintaining server infrastructure within a Linux VPS to script and manage server components like memory allocation as well as file transfer using SSH with SFTP protocols, PHP scripting, system updates and plugin installations.

St Mark Website - stmark.org.uk/   05/2020 - 07/2020

The Official St Marks Coptic Orthodox Church Website, based in HighStreet Kensington.

- Worked closely with other designers while maintaining constant communication with employers to develop and deploy new webpages within narrow time-frames set in place due to the COVID-19 Pandemic.
- This website uses Wordpress along with the Avada theme.

Surrey Veins - surreyveins.com/   05/2018 - 09/2018

A website made for the Surrey Veins Ltd Company specialising in the treatment of Varicose Veins, based in Surrey.

- This Website was built alongside another developer and uses Wordpress along with the Jetpack theme.

Personal Projects

Bible Reader Web App - biblereader.netlify.app/   06/2020 - 07/2020

A Bible Reading Application that fetches and displays chapters from the KJV Bible designed and built using React.

- Created highly-responsive UI components styled with CSS Flex and Media Queries within React while using Git and Continuous Deployment methods to update and re-deploy the site in a safe and appropriate manner.
- Integrated React with complicated web browser features such as data fetching and parsing from external API's using state management with React Hooks as well as declarative routing between pages using React Router.

Budget App - budget-app-mm.netlify.app/   05/2020 - 06/2020

A Budget Management application that calculates total income and expenses designed and built using Vanilla JavaScript with no libraries.

- Utilised Module Patterns to establish a solid website architecture and organise code into modules for the application's UI, Data, and Control functionality.
- Applied knowledge of Lexical Scoping and Closures creating nested functions to encapsulate internal workings of modules and modularise functionality throughout the code.

Roll The Dice App - roll-the-dice-game.netlify.app/   05/2020

A two player Dice Rolling Game where users continually roll dice until reaching a final score developed using Vanilla JavaScript.

- This project uses no libraries and uses event handlers along with other DOM Manipulation techniques to roll two dice, generate and reset scores and terminate the game once a player has won.

Other Work Experience

Music Producer, Mixing and Mastering Engineer (Free-Lance)   07/2018 - 02/2020

- Gained over 2 million streams with over 800 thousand monthly listeners and was placed on Spotify editorial playlists for tracks that I wrote, recorded, produced, mixed and mastered and built relationships with industry professionals.
- Regularly defining the project scope, deadlines and booking studio sessions to ensure efficient end to end project management and completion of projects within time-frames put in place by labels and other management.

Occupational Health Administrator, Nuffield Health   07/2019 - 05/2020

- Responsible for booking appointments for client corporate colleagues with Occupational Health Advisors and Physicians through liaising with Colleagues, Managers and Health Advisors.
- Handled confidential data regarding client cases through processing and delivering Occupational Health Reports to respective colleagues and managers when provided consent and answered queries from Corporate clients.

Data Entry Operator, Nuffield Health   06/2019 - 07/2019

- Accurately retrieved data from several sources such as company files, forms and online sources to fill in Private medical health care profiles for public release by Nuffield Health.
- Created several spreadsheets designed for different purposes for the efficient retrieval of information for when creating tailored marketing campaigns to consumers seeking specific specialities within a region.

Maths and Physics Tutor, Torchlight Tuition   09/2018 - 06/2019

- Managed a large group of students successfully ensuring each student achieved a desired target grade.
- Designed tuition curriculums tailored to each student while accumulating relevant study resources.

Lettings Assistant, Savills   08/2017

- Registered new clients enquiring through phone, email and walk ins during intense office hours.
- Presented properties to enquiring clients as a Savills representative proving honesty within the workplace as the supervisor provided me with keys to respective properties in confidence.

Education

University of Southampton   09/2015 – 06/2018

Degree Classification 2:1
Mechanical Engineering BEng (Hons)

Richard Challoner School   08/2008 – 06/2015

A-levels: Mathematics (A), Physics (B), Music Technology (C), Psychology AS (B)
GCSEs: 12 GCSE qualifications at grades A*-C

References Available Upon Request