



# Mark Baber

EMAIL – MARKBABER1992@LIVE.CO.UK

TEL – 07907770390

## PERSONAL PROFILE

I'm currently studying an MSc in Data Science, and am expecting to graduate in 2021.

As part of my studies I've gained knowledge about statistical analysis with data visualisation, which I find really interesting. I've also engaged in effective team based project management, which was interesting during a lockdown! I've also used data mining and machine learning for solving real life problems.

I'm looking to start a career in data science because I really like exploring new topics and finding answers to problems.

## EXPERIENCE

### WEBSITE MANAGER – STAGE DOOR GUY

July 2018 – Present

Creating websites with a CMS for a client who was using SquareSpace. Modified the clients single page website to a more feature rich website, with multiple pages, which I update regularly. In the last year page visits have increased by 70% due to improvements in SEO. Currently developing e-commerce capabilities for the site.

### JUNIOR DEVELOPER – CARDIFF WEB DEVELOPMENT

March 2017 – September 2019

Junior Developer, creating websites using the in house CMS. Set up a server environment for the company which involved learning the linux command line. Set up a Windows storage server for backing up their databases. Visited clients to assist with their on-site servers.

## TECHNICAL SKILLS

### Data Science:

Applied Statistics,  
Big Data Engineering,  
Data Mining and Statistical  
Modelling,  
Machine Learning and Decision  
Making,  
Principles Of Computing,  
Project Management.

### Sentiment Analysis:

R & RStudio to carry out sentiment  
analysis.

### Database Management:

Used DBMS's such as Oracle, PL/SQL,  
PHPPMyAdmin & PGAdmin.  
C# & .NET to create a database  
front end application.

### Web Design:

Acquired a lot of knowledge about  
HTML, CSS & JavaScript.

### QGIS:

Google Maps, Bing Maps,  
Leaflet Maps & OpenLayers.

## SOFT SKILLS

Listening  
Adaptability  
Creativity  
Critical Thinking  
Eager to Learn  
Problem Solving  
Team Work

## CHECK OUT MY WORK:

Website - [Mjbaber.co.uk](https://mjbaber.co.uk)  
LinkedIn - <https://bit.ly/39ucS9O>  
GitHub - <https://bit.ly/2uGKvGD>

## REFERENCES

### **Gaylor Boobyer**

Course Leader in Computer  
Applications Development.

[gaylor.boobyer@southwales.ac.uk](mailto:gaylor.boobyer@southwales.ac.uk)  
(01443) 482243

### **Michael Morgan**

Owner of Cardiff Web Development.

[contact@cardiffwebdevelopment.co.uk](mailto:contact@cardiffwebdevelopment.co.uk)  
(02920) 003275

## EDUCATION

### **MSC DATA SCIENCE**

University of South Wales 2020–2021  
Expected to graduate with a Distinction

### **BSC (HONS) COMPUTER APPLICATION DEVELOPMENT**

University of South Wales 2017–2020  
Graduated with a First Class Honours

## PREVIOUS QUALIFICATIONS:

Data Science and Machine Learning  
Bootcamp with R - Udemy - 2020

Sentiment Analysis in R: The Tidy Way  
DataCamp - 2019

Access To Computing - Coleg Y Cymoedd  
2016–2017

BTEC L3 Music - Coleg Gwent  
2010–2013

NVQ L3 ICT Practitioner - Torfaen Training  
2009

GCSEs include ICT, English and Maths at  
grade C - Fairwater High School  
2003 - 2008

## RESEARCH

Baber, M. J. (2020). 'Is there a link between the sentiment of a TV show and the viewer ratings?' University of South Wales - Undergraduate Dissertation.

Thomas, L. J., and Baber, M. J. (2020). 'Exploring student sentiments regarding the use of info-graphics as an assessment method'. Working Paper.

Thomas, L. J., Baber, M. J., Parsons, M., and Whitcombe, D. (2020). 'Emotional journey mapping for simulation learning' Working paper.