Intro

Hi, my name is Matt Cotton.

I am a web developer living in Sheffield, UK.

My background includes 8 years as an electrical engineer in the automotive industry at both Jaguar Land Rover and General Motors (Canada) and a MEng in Aerospace engineering from The University of Sheffield.

About

Throughout 2020 I have been actively developing my computer science knowledge and web development skills. I am completing The Developer Academy’s Software Developer Bootcamp and have completed HarvardX “CS50 Introduction to Computer Science” course. This has given me some great experience using Javascript, React, Redux, C/C++, SQL, Flask, Jinja, HTML and CSS. Some of my portfolio projects demonstrate what I have done over this time.

Prior to December 2020 I have worked in several electrical engineering roles in the automotive industry. This includes:

* Being a scum master for a team developing consumer delivery related products,
* Designing the electrical architecture for a range of eBikes,
* Developing a trailer stability control algorithm,
* Delivering production electric power steering components for Land Rover and Jaguar products,
* And advanced development of self-driving features.

Outside of work I am a keen parkrunner. The cancellation of which during the pandemic has been a huge loss to me and many others. Additionally, I enjoy a good pint of real ale and I am a member of CAMRA. Specifically, I have a strong interest in historic pubs. When I get the chance I enjoy watching Wrexham AFC.

Projects

**FaceBuck**

FaceBuck screenshot

A React based social media site.

**React Calculator**

React Calculator screenshot

A calculator built using React.

**Any Excuse for a Pub Adventure**

Any excuse for a pub adventure screenshot

A text-based adventure game based on exploring a pub based in Sheffield. Built using JavaScript.

**Whitchurch Quiz**

Whitchurch quiz screenshot

A quiz about my hometown (Whitchurch, Shropshire). Built using JavaScript.

**Jenny & Matt’s Foster Cats**

Matt's foster cats’ screenshot

Jenny & Over the last 3 years Jenny and I have been a foster home for eight of Toronto Cat Rescue's cats. This site includes a brief description of each cat and a selection of photos.

**Caesar Cipher**

Caesar cipher screenshot

A site that will encode and decode a string of text with the given keys.