

# Michael Cairney

Dedicated self-learning web developer with a Mathematics background and previous experience working with data and statistics.

Email: [mcairney92@gmail.com](mailto:mcairney92@gmail.com) | Portfolio: [www.michaelcairney.com](http://www.michaelcairney.com) | Phone: 07739005840

---

## Skills

### Computer Programming

Experienced with HTML, CSS, JavaScript, jQuery and GitHub from online resources and mini projects. Proficient in ReactJS and Tailwind CSS from creating a movie application that utilises a third-party API (seen in portfolio). Professional experience of web development by using R shiny to create an interactive data visualisation web app for business clients.

### Analytical

Able to problem-solve in a structured, organised, and collaborative manner from experience as a mathematics student and data science intern. Keen attention to detail and very quick and eager to learn.

### Communication

- Experienced relaying my work progress in daily zoom meetings.
- Delivered several presentations on complex mathematical concepts as part of a university module.
- Took part in an education course that involved teaching primary school classes mathematics, requiring effective communication to keep them engaged.

## Work Experience

### Data Science Intern

Appointeddd (Solaca Ltd.) 03/03/2020 – 28/04/2020

- Developed an interactive web app that instantly displayed an array of visualisations based on the user's choice of dataset and could be dynamically adjusted by different time periods.
- Web app was made completely individually without any previous knowledge of the programming tool, learning effectively and successfully during this employment.
- Practiced using GitHub for version control and tracking changes to the app.
- Analysed company data to identify trends and insights in order to enhance the quality of technical decision making throughout the organisation.
- Worked efficiently with colleagues to clearly communicate our progress, daily tasks, and key objectives both at home and in the office.

## Education

### BSc Mathematics and Statistics

The University of Edinburgh

2016 – 2020 First Class

## Awards

### JavaScript Algorithms and Data Structures (300 hours)

[freecodecamp.com](https://www.freecodecamp.com)

23/11/2021