

Michael Cairney

Aspiring Web Developer with a Mathematics background and previous experience working with data and statistics.

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Skills

Computer Programming

Experienced with HTML, CSS, JavaScript, JQuery and Bootstrap for creating and designing responsive websites. Proficient in ReactJS and Tailwind CSS from developing a movie application for a personal portfolio. Previous experience using R shiny to develop an interactive data visualisation web app as well as using R, SQL and Microsoft Excel.

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 using R shiny without any previous knowledge of the tool, learning effectively and successfully during 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

Google Data Analytics Certificate

Online Course

01/07/2021