**Maya Ruth Sharma**

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Results-driven candidate with knowledge and experience using various programming languages including SAS, R and Matlab. Currently studying for a diploma in full stack software development and seeking to move into software development to apply my current programming skills to another field and additionally to gain exposure to a wider variety of programming languages.

**Skills**

SAS

* Create new and update existing programs in my current job to assist in the statistical analysis of clinical trials.

HTML, CSS and JavaScript

## Learnt the basics through Code Institute: Five Day Coding Challenge.

Python

* Currently learning Python programming (via Udemy) to widen my programming skillset.

R

* Masters dissertation (A Grade) - Examined a range of options for specifying the neighbourhood matrix in spatial statistics to see which worked best across a range of real and simulated data sets.

Matlab

* Honours project (A Grade) - Modelled the complex behaviour in a biological pathway. Ran numerical simulations and carried out sensitivity analysis of the parameters within the model.

Latex

* Wrote up both my masters and honours projects in Latex.
* Created a poster and PowerPoint presentation for my honours project using this software.

Excel

* Completed “Excel 2016 Essential Training” (via LinkedIn Learning).

**Experience**

Biostatistician at PRA Health Sciences (October 2018 - Current):

* Program and update macros for statistical analysis in SAS.
* Work with clients and internal teams across various time zones to meet delivery deadlines.

Tutoring at Dundee University (September 2015 - March 2017):

* Helped students overcome barriers to learning with maths related modules.
* Second year was offered a paid position due to excellent performance.

Treasurer for Dundee University Guide Dogs Society (March 2015 - May 2017):

* Kept track of the finances effectively in an excel spreadsheet.
* Helped with the organisation and running of events (including bakes sales and ceilidhs).
* Assisted the society raising the £2500 required to name and sponsor our own puppy.

**Education and Qualifications**

Code Institute Diploma in Full Stack Software Development (January 2021 - January 2022)

Modules studying include HTML, CSS, JavaScript and Python.

University of Glasgow MSc Statistics (September 2017 - August 2018) – **Distinction**:

University of Dundee BSc (Hons) Mathematics and Economics (September 2013 – May 2017) - **1st class degree**:

**Achievements**

* University – IMA Membership Prize (2017).
* University – Nelson Carne Prize (2017).