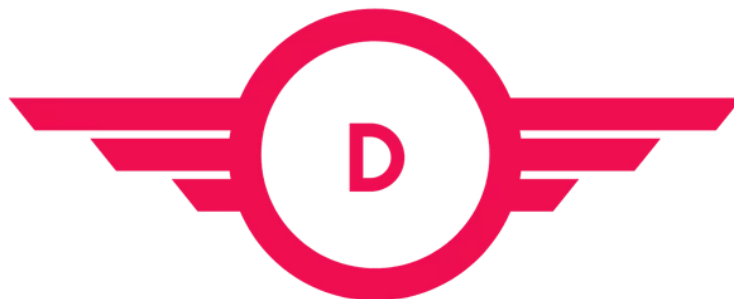# Prospective Post-Grad Guide

Data Science for Social Impact

Prof Vukosi Marivate

A quick guide to us potentially working together

Last Update 30/06/2024

Data Science for Social Impact

https://dsfsi.github.io

Table of Contents

Introduction

This is a short guide on the expectations I have when you and I are working together for your:

- Hons
- MSc
- PhD
- PostDoc
- Internship

Official Application Website

You can view our main application portal here https://dsfsi.github.io/prospective/apply/

Initial interactions [If you and I have not talked yet]

This is a guide on what you should do when you initially contact me. It makes things much much easier.

Make it clear what you are interested in:

- *I am interested in working on research in area X as an MSc, PhD, Post Doc*

Make it clear your funding situation:

- *I have X funding, scholarship, bursary, etc.*
- *I have no funding at the current moment*

Make it clear your work situation:

- *I want to do this part-time, I am working at company Y*

  I will be pursuing this full time

Make clear your immigration status [if applicable]

  I am from country Z, I will have to get a visa

- *I am a permanent resident*
- *Already have my visa*

Show me that you are familiar with my work

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Do not send me your ID, Passport etc. Remove ID/Passport numbers from your CV.

Another resource in doing the initial contact ->
https://web.archive.org/web/20200328155822/http://fnozarian.github.io/email-to-Supervisor/

Research

Thank you for your interest in working with me. I have a number of research interests and you should familiarise yourself with the larger themes. Currently, I am in these areas

Data Science for Social Impact

- Using Machine Learning for problems in Education, Health etc.
- Innovative data gathering and analysis
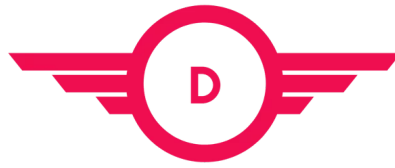
Natural Language Processing

- Deep Learning approaches
- Robustness
- Interpretability

- Social Media
- Web Technologies

Machine Learning

- Anomaly Detection
- Transparency, Interpretability of ML Models

You can read about my past work [try to keep to the last 2 years or so] here
https://dsfsi.github.io/publications/

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