# Project Proposal Form

**Student Name:** Richard Jones

**Student Username:** w8a76

**Student Number:** 1701 1180

**Proposed Project Title:**

Using Deep Learning Neural Network Techniques to Detect Bias in British Political News Articles

**Project Description:**

The project will focus around the design of a system that can process a collection of online news articles. For each article, the system will use sentiment analysis (most likely through a Long-Short Term Memory NN) in an attempt to detect opinionated bias towards the topics in them, assigning a single value based on the article’s overall political bias.

The output of the system will be recorded in a database for later querying.

**Hardware and Software Requirements:**

The system will be written in Python using various Machine Learning Libraries (including TensorFlow).

**Module (delete as appropriate):**

CSC-30014 (30 credit)

**Project Sponsor:** Dr Charles Day

(Must be a member of staff from the computing division, and you must have spoken to them about the project before submitting your form)

**Sponsor Signature:**

**Student Signature:**



**Date:** 05/07/2019