

System Setup

The following table provides an overview of the open-source software and APIs used to develop the text summarisation model presented in this project, as well as the details of the infrastructure (laptop for personal use) used to test and evaluate it through the experiments described.

Table 1. Software Configuration and Hardware Details

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| Programming Language: | Python 2.7.15 |
| Command Line Client: | Anaconda 1.6.14 |
| Package & Environment Management Systems: | conda 4.5.10 pip 9.0.1 |
| Libraries: | pytorch-cpu 0.4.1 matplotlib 2.2.2 nltk 3.3.0 numpy 1.15.0 pandas 0.23.0 scikit-learn 0.19.1 torchtext 0.2.3 torchvision-cpu 0.2.1 |
| Development Environment: | Jupyter Notebook 5.2.3 |
| Hardware Details: | Operating System: Ubuntu 16.04 LTS 64- Processor: Intel Core i7-7500U CPU @ 2.70 GHz x 4 Graphics: Intel HD Graphics 620 (Kaby Lake GT2) RAM: 16 GB |