**Personal Statement for MPhys Project**

I spent the first week of the project reading the paper by Dodd et. al. and created a computer program of the model. In the second week, I wrote unit tests for the program to ensure that it implements the model correctly, and I successfully reproduced the results reported by Dodd et. al. Over the next two weeks, I focused on learning the Large Scale Atomic and Molecular (LAMMPS). I worked through tutorials provided by my supervisor on LAMMPS and familiarise myself with the key commands that I will be using. During this period, I also spent some time reading about the biological

During Christmas holidays, I moved . At the mean time, I continued