Project reflection- Anna

1. Josh explained the code he has written thus far to me and I downloaded it. We talked through it together and worked on it together after that point, although Josh is much more familiar with hoomd than I am which creates a bit of a disparity. I felt I was still helpful, just more on the thinking side than the code side, which kind of bums me out because I wish I could be more helpful on that front. It will just take time though. I did the poster draft and worked on building the theory some more.
2. We worked on the piece of the code that requires building a lattice of interacting atoms. There are some functions in hoomd that make that straightforward so we’re sort of redoing that. We’re redoing it because they were a cloud of particles before, so they’d decay (in position) over time and we wanted the positions of the atoms in the lattice to be rigid over time until an E-field was applied.
3. We’re still having a problem with applying the E-field and seeing an overall change in the lattice. Right now the lattice has no E-field at all, so there’s something off about it.
4. We need to get info about the SAW stuff from Johannes, and a figure for the poster.