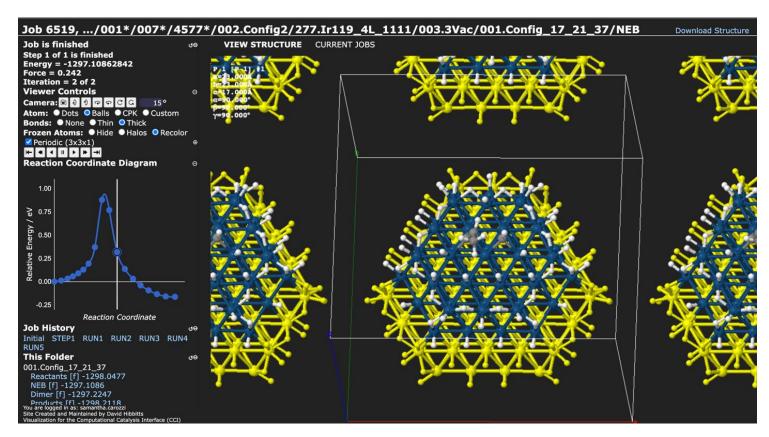


Periodic Catalyst Surface Reactions: These are structures created by the computations I've run, which give generated images and calculated information about each of my reactions and their locations, which I use and share for future study.



Particle Catalyst Surface Reaction: This is an example of a reaction I've run on a nanoparticle, with energy values that show the exact moment the C-C bond breaks, the moment where plastic decomposition actually occurs.