Summary
I first had to perform several tests on a mechanism of our equipment as some issues arose and data collection needed to be performed in order to identify where it originated from. I would then write reports to our executive director and to our country director. We needed new ideas regarding a prototype that we were working on and part of my assignment was to come up with sketches of possible designs. Another task I was assigned to was to model the entire equipment (rice seeder) on Solidworks. We used 3D printers to make small mechanical parts and I was in charge of applying necessary modifications on the CAD models. I also took care of the maintenance and troubleshooting of the 3D printers.

Relation to Your Major
3D printing became more and more important in our field and I am glad to have been exposed to it so much during this internship. Ideation process along with prototyping process is part what a mechanical engineer should be familiar with. Although not all engineer would take part in those steps of a product development I think it is important for us to know how things work prior to testing and manufacturing. Part of this internship allowed me see how concepts such as dynamics or statics can be applied outside of the classroom.

Fun Cultural Experience
During Khmer New Year I went to Siem Reap. The custom is to go in the streets after dusk and splash water and baby powder on each other. The streets were crowded with people from all ages chasing each other. It was a very festive. It felt like a special moment as there wasn’t as many tourists. Mainly Khmer people who came together to celebrate their New Year with lights and music right next to this amazing ancient monument. I am really happy to have been able to take part in this celebration.