

**Name: Jason Zhou**

**Mentor: Dr. Dongjin Song**

**Status Report #: 14**

**Time Spent on Research This Week: 13.5**

**Cumulative Time Spent on Research: 98.5**

**Miles Traveled to/from Mentor This Week: 0**

**Cumulative Miles Traveled to/from Mentor: 0**

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**Monday, December 20th, 2021: (0.25 Hrs)**

On this day, I had my weekly meeting with my mentor. Because this was the week before Winter break. We talked about what our schedules would look like for the next couple of weeks and how we would plan our weekly meetings with the holidays coming up.

Ultimately, we decided to postpone our meetings until January 4th, which is the first Tuesday after the break.

**Tuesday, January 4th, 2022: (0.25 Hrs)**

Unfortunately, I did not have time to work on my project over the break as I was busy with getting college apps done.

Additionally, I had my weekly meeting with my mentor where we talked about scheduling again because my midterms were coming up. As such, we decided to postpone our meetings until further notice so that I would be able to focus on midterms.

**Thursday, January 6th, 2022: (1 Hr)**

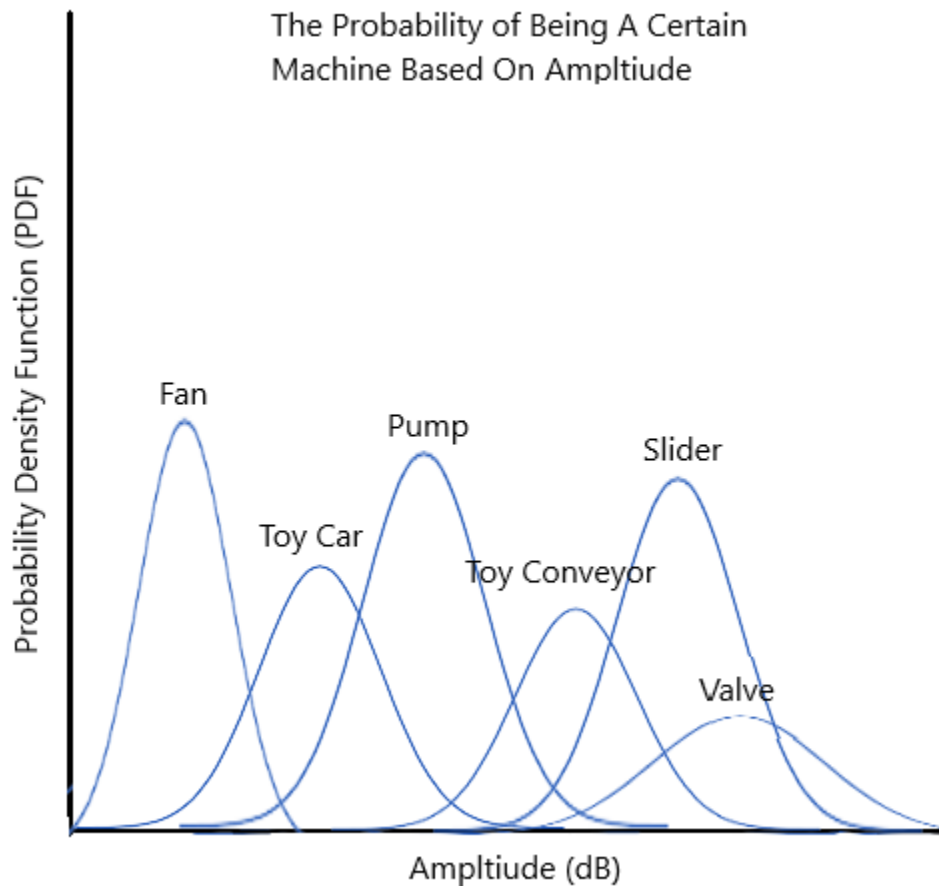
As I have to give a presentation about my ARM project on Tuesday (January 11th), I began working on the presentation today and constructing the opening slides for my slideshow.

**Friday, January 7th, 2022: (2 Hrs)**

Similar to yesterday, I continued working on my slideshow; however, I mostly took this time to construct an outline of my presentation. My research project is quite complicated and is not easy to understand, so I had to come up with a way to simplify my explanations to make them more understandable. Also, because there is so much content and terminology to cover, I had to make the decision to cut a lot of information as it was not absolutely necessary (but still would have been nice for the audience to have) to ensure that I was below the nine-minute mark.

**Saturday, January 8th, 2022: (7 Hrs)**

Going off the outline I created the previous day, I spent this day working on the bulk of my project. Most of my time was taken up by adding transitions and animating slides and creating the graphs and images I would need for my presentation that I could not find on the internet.



(A Gaussian Mixture Model that I created to help the audience better understand the concept of a Gaussian Mixture Model. However, as a note, this graph is fictitious, so it is not based on actual data. I simply created it to better show a point that I would be making during my presentation)

Afterward, I spent the last couple of hours cutting unnecessary slides and streamlining other slides to make them easier for the audience to follow.

**Sunday, January 9th, 2022: (3 Hrs)**

As Ms.Pintavalle wanted my slideshow three days prior to when I would be presenting (January 11th), this was the last day that I would be working on the slideshow for my presentation. I spent the majority of my time fine tuning the slides, making small adjustments, and looking for any possible errors.

Finally, I practiced giving my presentation to ensure that it was below the eight-minute mark (with a one-minute buffer) and submitted my slideshow.

### **References**

**N/A**