3. What you are specifically interested in studying.

Many of the platforms are trying to curb the users to use damage personal attacks for online discourse. However, the difficult part is to figure out the prevalence since there is a large scale of personal comments in online platforms. The goal of this project is to develop a machine learning method to analyze personal attacks. Also, by using approximation of crowd-workers, we are going to develop an evaluation method for a classifier. We feel very excited to use the course knowledge to solve a meaningful practical problem like this.

4. Why you think this is an interesting problem (and why potential future job interviews might find it interesting). Ideally, this could eventually turn into a “real” research project.

We will follow the complete industrial steps, text cleanup, matrix generation, feature extraction, data modeling, hyper-parameters tuning. The potential future job interviewers might find it professional, and also interesting.

In this project, we are trying to solve a practical problem. It will be a very useful tool to detect personal attacks in online platforms. This dataset we collected from Wikimedia Foundation. The data include all 95 million users and article talks between 2001 – 2015. Not only the depth, but also the breadth of the data makes it more precious.