

Weekly Mentor + Team Meeting: Every Saturday

6:00-7:00 PM Our github repo: [acmucsd-projects/wi23-ai-team-1 \(github.com\)](https://github.com/acmucsd-projects/wi23-ai-team-1)

Team Meeting Time: 3/17/23 at 6pm in CSE Basement

Attendees: Aniket Gupta Vincent Tu Steven Shi (10 minutes)

What have we done so far

- <https://docs.google.com/spreadsheets/d/1qszCECyEmNuFSlsMiOAVaRIbhtOy3UWqbqm6ExHmnQU/edit?usp=sharing>
- Validation accuracy is skewed because model just guesses 0 all the time for certain labels

What is the point of this meeting, what are we going to discuss

- Immense progress
- Overfitting very fast
 - Lots of regularization
 - Batch norm
 - More dropout layers
 - Caused by imbalance
- Overfit on one batch to test if model can learn
- VERY USEFUL BLOG - <http://karpathy.github.io/2019/04/25/recipe/>

What will we do going forward

- Same as earlier
- Look into the following metrics: recall, precision, h1 (harmonic mean of recall and precision) instead of purely going off accuracy - Aniket
- Add more useful layers, test around (One Person:) (EVERYONE)
 - Optimizer, Dropout, Dense, Regularizer, Hidden Dimensions, “There’s more to it”
 - Experiment with LSTM/GRU layers - Aniket
 - Dropout, Dense, CONV1D - Arnav
 - Dropout (experiment with the values and experiment with sandwiching between layers) - JIMMy
 - Regularizer and hidden dimension layers - steven