# Individual Contribution for ICS 175 final project

Team 50

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## Contribution

Researched information aforehand before doing project and come up with motion prediction idea.

Preprocessed the image data into 64x64 and 32x32 smaller images.

Built the CNN model for hand pose estimation.

Fast forwarded annotations for images data in order to train the motion prediction model

Affiliated with the hand gesture recognition to coalesce the pose estimation out as the input of hand gesture recognition

Performed the experiments and evaluations for the project.

Co-authored the final report for part 3,4,6.

## Code part

Written data.py to pre-process image.
Written fastward.py to prepare the data for motion prediction.
Written main.py to prototype code before moving into Google Colab.

Written hand pose estimation.ipynb to perform pose estimation
Written hand pose estimation with prediction.ipynb to perform motion prediction