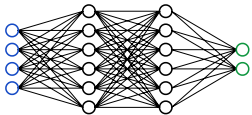
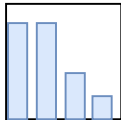


Pre-trained ASR Network



Underperforming
on Target
Accents



Target Accent Exemplars

\mathcal{T}

$$\operatorname{argmax}_{\mathcal{S} \subseteq \mathcal{U}} I_f(\mathcal{S}; \mathcal{T})$$

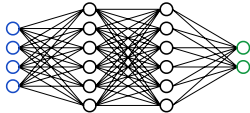
Unlabeled Set with All Accents

\mathcal{U}

Target
Accent-
Specific
Utterances

\mathcal{S}

Fine-Tuned ASR Network



Improved
Performance
on Target
Accents

