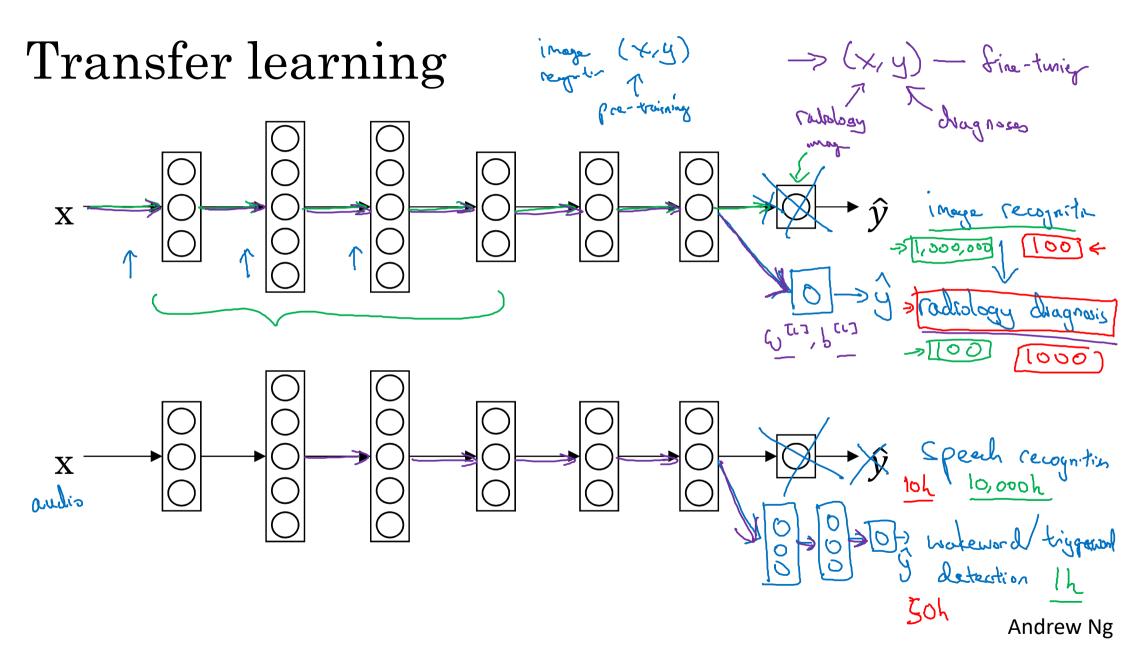


Learning from multiple tasks

Transfer learning



When transfer learning makes sense

Travely from A -> B

- Task A and B have the same input x.
- You have a lot more data for $\underbrace{Task A}_{\uparrow}$ than $\underbrace{Task B}_{\checkmark}$.
- Low level features from A could be helpful for learning B.