

# AI ALIGNMENT COHORT RESOURCES

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## Pre-reads for Session 4: 2nd August

### CNNs and ResNets:

1. [An Introduction to Different Types of Convolutions in Deep Learning | by Paul-Louis Pröve | Towards Data Science](#)
2. [A Guide to Convolutional Neural Networks — the ELI5 way | Saturn Cloud Blog](#)
3. [Deep Residual Learning for Image Recognition](#)

### Ray Tracing:

1. [How does it Work?](#)
2. [Ray Tracing Algorithm in a Nutshell](#)
3. [Implementing a Ray Tracing Algorithm](#)
4. [Arena\\_Ray\\_Tracing](#)