**MicroGrad Notes**

Link:

<https://www.youtube.com/watch?v=VMj-3S1tku0>

<https://github.com/karpathy/micrograd>

<https://karpathy.ai/>

MicroGrad is a tiny auto grad engine that implements backpropagation. Backpropagation is an algorithm we use to estimate gradients. It’s an application of chain rule through the expression graph. Unlike traditional implementations that operate on vectors for parallelization and speed, MicroGrad processes backpropagation at a scalar level, offering a fundamental, low-level perspective on how the algorithm works.