Project 6 – Worm CNN

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| Visual verification | [add your note] |
| Split sizes | Train 8692, Val 2172 |
| Image size | 101×101 grayscale |
| Preprocess | equalizeHist → ToTensor |
| Model params | 1,203,330 |
| Optimizer | Adam lr=1e-3 epochs=30 |
| Training time | 602.3s on cpu |
| Val accuracy | 0.9420 |
| Confusion matrix | [[1033 69]  [ 57 1013]] |
| Classification report | precision recall f1-score support   0 0.9477 0.9374 0.9425 1102  1 0.9362 0.9467 0.9414 1070   accuracy 0.9420 2172  macro avg 0.9420 0.9421 0.9420 2172 weighted avg 0.9421 0.9420 0.9420 2172 |