Machine Learning Done Faster

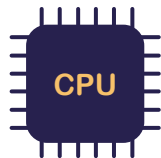## Reduce Machine Learning Inference Speeds Without Compromising Model Accuracy

Applications

- Real-Time Image Processing
- ML for Volumetric Data
- Big-Data in Biotechnology
  - Nanopore Basecalling
  - DNA/RNA Sequencing
- Healthcare Wearables
- High-Dimensional Clustering

Data

- Time Series Datasets
- Images and Videos
- Volumetric Data

Device

CPU — GPU — FPGA

Microseconds → Nanoseconds

Single-Cycle Inference using Field Programmable Gate Arrays (FPGAs)

Deliverables

- From Weeks to Days (10-100X Speed Up)
- Real-Time Data Processing
- Local Deployments - Avoid the Cloud

Let's Talk

Reach out to discuss machine learning research for your application!

Stephen Wormald
nanochron.ml@gmail.com
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nanochron