First, Do No Harm:
On Making AI safe, secure and trustworthy

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Intro:

Generative Artificial Intelligence (Gen AI) now is increasingly used in medicine and education. Acute impacts range from residency selection, clinical documentation, and copilots to learners and educators
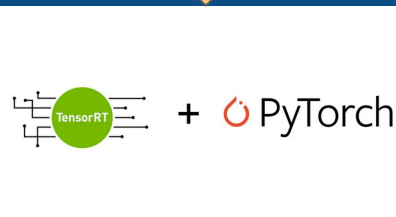

1,000,000+ Public AI models & datasets

How can individuals and institutions adopt quality AI?

Methods

We developed a novel protocol of software tooling to train, host, and deploy small multimodal AI models on-device secured by NIST-endorsed post-quantum cryptography for $0

We implement CUDA 12.8, Pytorch 2.6, OpenSSL 3.4.1, with oqs-provider 0.80 on Arch Linux

Results

Current SMM capabilities include multi-language conversation understanding with audio-text generation to address cultural and physical communication barriers. All Post Quantum Cryptography Benchmarks and links to code are accessible via qr-code to our public github.

Conclusion

We public-source our code with asynchronous video under Q-CDA/A-GPL3.0 Dual License