



QuICScript: Your own Quantum Computer in a browser

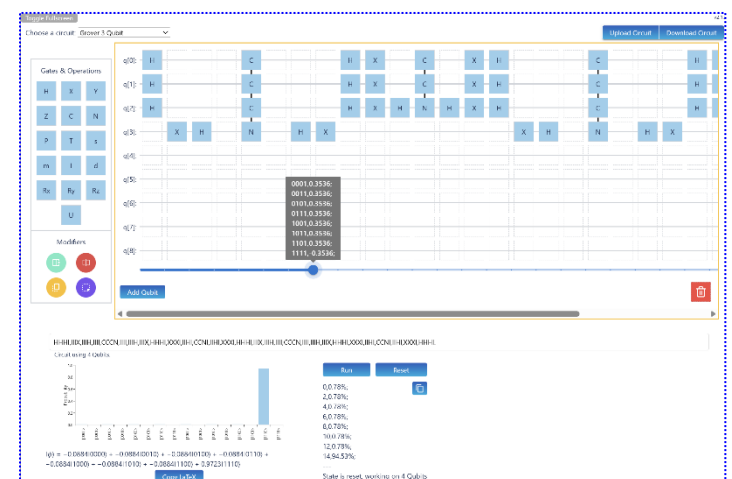
About pQCee:

pQCee Pte Ltd is a quantum cybersecurity startup. We design and build post-quantum products and solutions to strengthen and protect the \$trillion digital economy against quantum attacks. Please visit www.pqcee.com or contact info@pqcee.com for more details.

About the QuICScript offering

Learning about quantum need not be costly nor difficult to access. QuICScript is a software-based quantum emulator which can support universal quantum computation. Its features include:

- **Standalone front-end execution.** The execution of the quantum program happens within the end-user's browser. No code is sent to any backend or cloud which means there are no additional connectivity/compute/storage charges, and no potential loss of intellectual property.
- **Interactive usage.** Quantum programs are not compiled but instead are run interactively using a drag-n-drop circuit editor, to allow for visualization of the internal quantum-state, and dynamic adjustments of qubit rotations and choice of gates. This is important to create a dynamic learning journey as well as for the discovery of new algorithms in AI/machine learning.
- **Optimized engine.** QuICScript supports up to 20-qubits with 100,000 gates for simulating complex quantum algorithms.



Specifications

Platform	Javascript + WASM on PC and Mobile
Size	Up to 20 qubits
Depth	Up to 100,000 gates
Gates supported	Pauli - X, Y, Z Control - C Hadamard – H Phase – P, T Rotation - Rx, Ry, Rz Universal – U Measurement - M, m

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pQCee Pte Ltd

www.pqcee.com | info@pqcee.com | +65 9746 9386

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