CPU

program
1. build circuits
2. (run) circuits

program
(circuits)

Library
call

QUANTUM

FPGA

Lasers

Qubits

Python + quantum library
- Cirq (Google)
- Qiskit (IBM)
- PyQuil (Rizetti)

Cirq ⟶ QASM ⟶ Qiskit

Quantum
Assembly
Language