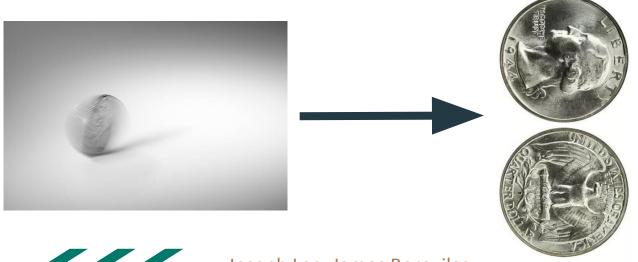# Quantum Data Defenders

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Use the Properties of Quantum Mechanics to:

- Encode the data onto particles of light (or photons).
- Encrypt the data by setting the state of the photon between 0 and 1.
- Use quantum entanglement to instantly transmit data to the receiver.