Reading

Quantum Computing
https://quantum.country/qcvc

References on Quantum Computing:

Quantum Computing: Hype vs. Reality
https://www.youtube.com/watch?v=-1PsQIciMEc

Major solution in quantum algorithms
Peter Shor - Break Key Cryptography
Grover`s Algorithms - Phased Arrays radar
Simulate other quantum systems

Schrodinger Equation and Heisenberg Equation are phrased in solving calculation of vector for linear algebra and matrices interactions.

Michio Kaku: Quantum computing is the next revolution
https://www.youtube.com/watch?v=qQvIl1d_hFA

A beginner's guide to quantum computing | Shohini Ghose
https://www.youtube.com/watch?v=QuR969uMICM

(Why I gave up Quantum Computing)
Por que deixei a pesquisa em computação quântica
https://www.youtube.com/watch?v=pDj1QhPOVBo

How a QC works?
https://www.youtube.com/watch?v=g_IaVepNDT4
Quantum computers are not going to replace the traditional computers on simple tasks. On these tasks the Quantum Computers tend to have the same efficiency of a Classical Computer. The Quantum Computers are going to be a revolution in areas that require a large amount of data being processed at the same time with specific algorithms made for that task.

Something Strange Happens When You Trust Quantum Mechanics
https://www.youtube.com/watch?v=qJZ1Ez28C-A

Available Quantum Computers

Willow - Google Computer - Quantum Supremacy

IBM Quantum
Majorana - Microsoft
Quantum computer - Rensselaer Institute