

This is to verify that **Khatwang Madhav Yippili** has completed the course **Introduction to Quantum Computing** on Alison.

## Khatwang Madhav Yippili

**Alison ID:** 53238321

**Course Completed:** Introduction to Quantum Computing

**Date Of Completion:** 07/10/25

**Email ID:** khatwangmadhav.yippili@gmail.com

**Total Study Time:** 0h 22m



Scan To Verify

### Final Assessment Score:

Alison courses requires at least  
80% to pass the final assessment

# 88%

### CPD Hours Completed:

CPD approved learning hours  
completed through this course

# 0-1h

## Course Information

Quantum computing is a transformative technology that promises to revolutionize industries by solving problems that classical computers cannot. This beginner-friendly course introduces key concepts such as qubits, superposition, and entanglement, which are crucial to understanding how quantum computers process information differently from classical systems.

You will explore the differences between quantum and classical computing, particularly how quantum computers use quantum states to perform complex calculations. Topics like quantum algorithms, cryptography, and machine learning will be covered, demonstrating the power of quantum computing to optimize processes and solve real-world challenges. Additionally, the course offers hands-on experience with tools like IBM Quantum Experience, where you can run quantum algorithms on actual quantum processors. This practical exposure will help solidify your understanding of how quantum computing operates in practice.

By the end of this course, you will have a clear grasp of quantum computing's fundamental principles and its potential to transform sectors such as finance, healthcare, and logistics. This course is ideal for anyone curious about the future of technology, whether you're a student, professional, or technology enthusiast looking to explore the next frontier in computing.

## Modules Studied

Module 1: Introduction to Quantum Computing

Module 2: Course assessment