

#### Certificate of Quantum Excellence

This is to certify that

### Ritik Chawla

IBM Quantum

has successfully completed and received a passing score on applied exercises and learning development at the 2021 Qiskit Global Summer School on Quantum Machine Learning, demonstrating applied understanding and comfort with and about Quantum Computing and Quantum Machine Learning using Qiskit.

> July 12-23, 2021 Date





## DIPLOMA

presented to

#### Ritik Chawla

for successfully completing the online entangling workshop for QIndia

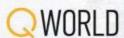
#### **Quantum Computing & Programming**

using QWorld's introductory tutorial Bronze

(Dr. Maksims Dimitrijevs, QWorld)

(Rishi Sreedhar, QIndia)

QMentors: Anuj Mehrotra, Ameya Nambisan, Akash Kundu, Anurag Trivedi, Yusharth Singh, Deepshika Dutta







# DIPLOMA

presented to

#### Ritik Chawla

for successfully completing the online Global Quantum Programming Workshop QSilver focusing on complex numbers and Shor's algorithm,

using QWorld's intermediate level tutorial Silver.

Özlem Salehi QWorld & QTurkey

Öslem Saleni

Abdullah Khalid QPakistan

Hodollah & halid

Workshop leaders: Özlem Salehi, Maksims Dimitriejvs, Jibran Rashid, Abdullah Khalid, Aurél Gábris Diploma Number: QSilver2-131



