

This badge was issued to [Edoardo Giusto](#) on 12 May 2020.

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## IBM Quantum Challenge

Issued by [IBM](#)

This badge earner has demonstrated an ability to deconstruct an arbitrary unitary. The badge holder shows an understanding of quantum circuits, the gates that comprise such circuits, and both single and multiplexed qubit rotations.

**Type:** Validation

**Level:** Advanced

**Time:** Days





**Cost:** Free

[Additional Details](#)

### Skills

- Developer
- Python
- Quantum Circuits
- Quantum Computing
- Qubit Rotations

Earning Criteria

-  [Participate in the 4-day IBM Quantum Challenge.](#)
-  [Complete Exercise #4 within the IBM Quantum Challenge and submit a solution to the challenge. Participants must find a decomposition that brings us close enough to the unitary.](#)
-  Note: Solutions must meet final approval by the designated IBM Quantum team.
-  [Submit your application for the badge at this link.](#)

Insights

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