



liu hongying

has successfully completed the AWS Certification  
requirements and has achieved their:

**AWS Certified Developer - Associate**

**Issue Date**

2019-12-12

**Expiration Date**

2022-12-12

A handwritten signature in black ink, reading "Maureen Lonergan".

Maureen Lonergan  
Director, Training and Certification

Validation Number 1G0EHKG2PMQ41SS0

Validate at: <http://aws.amazon.com/verification>