

## Emerging Technologies Workshop: Model Driven Programmability

The student has successfully achieved student level credential for completing the Emerging Technologies Workshop: Model Driven Programmability, administered by the undersigned instructor. The student was able to proficiently:

- Explain the concept of APIs and the importance of RESTful APIs for software integration.
- Explain how network programmability enhances network management and automation.
- Explain the advantages of using model based device APIs, compared with a traditional CLI based approach for network automation.
- Explain how YANG device models define the structure, syntax and validation rules for device data.
- Interact with networking devices using RESTCONF and NETCONF API interfaces.
- Use Python with combination of RESTCONF and NETCONF APIs to retrieve and update the device's configuration.

---

**KIAN GOPEZ**

Student

---

**AMA Computer University**

Academy Name

---

**Philippines**

Location

---

**1 Aug 2022**

Date



Laura Quintana  
VP & General Manager, Cisco Networking Academy