

## 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.

**Ruby VERHOYE**

Student

**HOGENT Cisco Academy**

Academy Name

**Belgium**

Location

**Olivier ROSSEEL**

Instructor

**3 May 2021**

Date

Instructor Signature