

OMG Standards Development Organization

UAF OMG UNIFIED ARCHITECTURE FRAMEWORK®

Certificate of Completion

Is hereby granted to

Raul Sosa-Chang

Robb Illich

to certify completion of SSI's Unified Architecture Framework (UAF) course provided April 27 through May 1, 2026. Completion includes attendance, group modeling participation, and passing the provided UAF knowledge exam

MATTHEW HAUSE
PRINCIPAL SYSTEMS ENGINEER
UAF EXPERT INSTRUCTOR

SYSTEMS | STRATEGY | INNOVATION

California Institute of Technology
Center for Technology and Management Education

This is to certify that

Raul Sosa

has successfully completed the

Model-Based Systems Engineering Certificate Program

At Northrop Grumman Corporation

Caltech | Center for Technology & Management Education

Rick Hefner
Executive Director
Center for Technology and Management Education
California Institute of Technology
March, 28, 2022

California Institute of Technology

Center for Technology and Management Education

Upon recommendation of the Center has conferred on

Raul Sosa

a certificate in

AI-Assisted Model-Based Systems Engineering

In recognition of the satisfactory completion of a prescribed program of learning from the Caltech Division of Engineering and Applied Science in the City of Pasadena, in the State of California, on February 28, 2026.

Caltech

Dr. Rick Hefner
Executive Director, Caltech CTME

Polytechnic University of Puerto Rico

THE BOARD OF TRUSTEES OF THE UNIVERSITY
UPON RECOMMENDATION OF THE FACULTY
HEREBY CONFERS UPON

Raúl Sosa Chang

THE DEGREE OF

Bachelor of Science in Mechanical Engineering

IN RECOGNITION OF THE COMPLETION OF THE PRESCRIBED
PROGRAM OF STUDY WITH ALL THE HONORS,
RIGHTS AND PRIVILEGES THERETO APPERTAINING.
GIVEN UNDER THE SEAL OF THE UNIVERSITY AT
San Juan, Puerto Rico, this thirtieth day of June, 2015.

CHAIRMAN OF THE BOARD OF TRUSTEES

PRESIDENT OF THE UNIVERSITY