



3 Courses

Software Engineering:
Modeling Software Systems
using UML

Software Engineering:
Implementation and Testing

Software Engineering:
Software Design and Project
Management



Jul 29, 2025

Aditya Kumar

has successfully completed the online, non-credit Specialization

Software Engineering

This specialization covers software engineering methodologies, techniques, and tools for planning, capturing requirements, designing, implementing, testing, and maintaining large-scale software systems. It combines scientific and technological knowledge with many hands-on examples and real-life case studies for students to apply software engineering skills in a realistic development environment. This specialization is for programmers who want to deepen their understanding of the methodologies and techniques involved in software development. Basic object-oriented programming (OOP) concepts are required to attempt the series of courses.

Kenneth Leung

Kenneth Wai-Ting
LEUNG, Assistant
Professor of
Engineering Education,
Department of
Computer Science and
Engineering, HKUST

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/P8QIWHBZFMIQ>