



3 Courses

**Software Engineering:**  
Modeling Software Systems  
using UML

**Software Engineering:**  
Implementation and Testing

**Software Engineering:**  
Software Design and Project  
Management



Sep 29, 2025

## Vinit Saspara

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  
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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.

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