



3 Courses

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

**Software Engineering:  
Implementation and Testing**

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



Nov 4, 2023

**Brandon Sutan**

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.

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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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