



4 Courses

**Software Development  
Processes and  
Methodologies**

**Agile Software Development**

**Lean Software Development**

**Engineering Practices for  
Building Quality Software**



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**Nguyen Viet An**

has successfully completed the online, non-credit Specialization

# Software Development Lifecycle

The Software Development Lifecycle Specialization covers the process and practices used for software development. At the end of this specialization, the learner will be able to: 1.) Build high-quality and secure software using SDLC methodologies such as agile, lean, and traditional/waterfall. 2.) Analyze a software development team's SDLC methodology and make recommendations for improvements. 3.) Compare and contrast software development methodologies with respect to environmental, organizational, and product constraints.

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.

Kevin Wendt  
Director of Graduate  
Studies, Software  
Engineering  
Department of  
Computer Science and  
Engineering

Praveen Mittal  
Adjunct Professor  
College of Science and  
Engineering

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