



3 Courses

Linear Algebra for Machine Learning and Data Science

Calculus for Machine Learning and Data Science

Probability & Statistics for Machine Learning & Data Science



Sep 13, 2023

**Ziyao Lu**

has successfully completed the online, non-credit Specialization

# Mathematics for Machine Learning and Data Science

Congratulations on completing all three courses of the Mathematics for Machine Learning and Data Science Specialization! You studied the core mathematics for machine learning and data science, including linear algebra, calculus, probability, and statistics. We're thrilled that you chose to learn with us, and are excited to see your career in AI grow!

Luis Serrano, Instructor,  
Serrano Academy  
Anshuman Singh,  
Curriculum Architect,  
DeepLearning.AI  
Elena Sanina,  
Curriculum Engineer,  
DeepLearning.AI  
Magdalena Bouza,  
Curriculum Developer,  
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Obed Nsiah, Curriculum  
Developer,  
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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.

Verify this certificate at:

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Sep 13, 2023

Ziyao Lu

has successfully completed

Linear Algebra for Machine Learning and Data  
Science

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, reading 'Luis G. Serrano'.

Luis Serrano, Instructor, Serrano Academy. Anshuman Singh, Curriculum Product Manager, DeepLearning.AI. Elena Sanina, Curriculum Engineer, DeepLearning.AI. Magdalena Bouza, Curriculum Developer, DeepLearning.AI. Obed Nsiah, Curriculum Developer. Lucas Coutinho, Curriculum Developer, DeepLearning.AI

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Calculus for Machine Learning and Data Science

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Ziyao Lu

has successfully completed

## Probability & Statistics for Machine Learning & Data Science

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