

Verified Certificate



A handwritten signature in blue ink, appearing to read "S. Kannan".

Sampath Kannan

Henry Salvatori Professor and Department Chair, Computer
and Information Science

University of Pennsylvania

This is to certify that

Ezra Landa

successfully completed and received a passing grade in

SD3x: Algorithm Design and Analysis

a course of study offered by PennX, an online learning
initiative of the University of Pennsylvania.



Verified Certificate
Issued August 19, 2022

Valid Certificate ID
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