

# Verified Certificate

This is to certify that

**Kumar Harsh**

successfully completed and received a passing grade in

**FC1x: Fat Chance: Probability from the Ground Up**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.

Harvard



**Benedict Gross**

Leverett Professor of Mathematics, Emeritus

*Harvard University*



**Joseph Harris**

Higgins Professor of Mathematics

*Harvard University*



**Emily Riehl**

Assistant Professor, Department of Mathematics

*Johns Hopkins University*



**Verified Certificate**

Issued January 31, 2023

**Valid Certificate ID**

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