Verified
Certificate

GTx

This is to certify that

Yan Shao

successfully completed and received a passing grade in

CS1331xIII: Introduction to Object-Oriented Programming with Java III: Exceptions, Data Structures, Recursion, and GUIs

a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology.

Dr. Olufisayo Omojokun
Chair of the School of Computing Instruction
Georgia Tech College of Computing

Dr. Charles Isbell
John P. Imlay Dean of Computing
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