

## Verificate Certificate





This is to certify that

## Liangchen Sui

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
Georgia Tech College of Computing



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Valid Certificate ID c1033d0b00cf404e8b8fa5da61c6ac16