



Mebacle Brouf)

This is to certify that

Yan Shao

successfully completed and received a passing grade in

CS1332xl: Data Structures & Algorithms I: ArrayLists, LinkedLists, Stacks and Queues

a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology. Dr. Mary Hudachek-Buswell
Associate Chair of the School of Computing Instruction
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