



**Dr. David Joyner** Adjunct Lecturer

College of Computing

Pengyuan Li

This is to certify that

successfully completed and received a passing grade in

CS1301xIV: Computing in Python IV: Objects & Algorithms

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

Dr. Nelson Baker

Dean of Professional Education

Georgia Tech Professional Education



VALID CERTIFICATE ID 8cfc71e1c0f64c248cc8a009ad709104