



Feb 27, 2021

Mahmoud Elsherif

has successfully completed

Pointers, Arrays, and Recursion

an online non-credit course authorized by Duke University and offered through Coursera

Three handwritten signatures in black ink, stacked vertically. The first signature is "Andrew D. Hilton", the second is "Anne Bracy", and the third is "Genevieve M. Lipp".

Andrew D. Hilton
Anne Bracy
Genevieve M. Lipp

**COURSE
CERTIFICATE**



Verify at:

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Coursera has confirmed the identity of this individual and their participation in the course.