



Jun 27, 2020

Youssef Mamdouh Makram

has successfully completed with honors

**Programming Foundations with JavaScript, HTML
and CSS**

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

Four handwritten signatures in black ink, arranged horizontally. From left to right, they appear to be: Susan H. Rodger, Robert Duvall, Owen Astrachan, and Andrew D. Hilton.

Susan H. Rodger, Professor of the Practice, Computer Science
Robert Duvall, Lecturer, Computer Science
Owen Astrachan, Professor of the Practice, Computer Science
Andrew D. Hilton, Assistant Professor of the Practice, Electrical and Computer Engineering

**COURSE
CERTIFICATE**

WITH HONORS



Verify at coursera.org/verify/367LK6WZTKX5

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