



11/23/2019

**Chang Liu**

has successfully completed

**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**



Verify at [coursera.org/verify/BW8TZDXGMQ7G](https://coursera.org/verify/BW8TZDXGMQ7G)

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