



01/18/2020

# Chang Liu

has successfully completed

## Building Web Applications in PHP

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

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

### COURSE CERTIFICATE



Verify at [coursera.org/verify/CRJFBMXC6Z7K](https://coursera.org/verify/CRJFBMXC6Z7K)  
Coursera has confirmed the identity of this individual and  
their participation in the course.