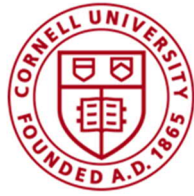


The Cornell, Maryland, Max Planck Pre-doctoral Research School 2020



CERTIFICATE

This is to certify that

Laura Zheng

has successfully completed the *Cornell, Maryland, Max Planck Pre-doctoral Research School 2020* hosted virtually at the Max Planck Institute for Software Systems in Saarbrücken, Germany, August 3-9, 2020.

The student attended lectures with faculty from participating institutions on a variety of cutting-edge topics in computer science, including databases and data analysis, distributed systems, security and privacy, Internet measurement and network architecture, large-scale machine learning, and theory of deep learning.

Handwritten signature of Adish Singla in black ink.

Adish Singla
Faculty
Max Planck Institute for Software Systems

Handwritten signature of Bobby Bhattacharjee in black ink.

Bobby Bhattacharjee
Professor
University of Maryland, College Park

Handwritten signature of Lorenzo Alvisi in black ink.

Lorenzo Alvisi
Tisch University Professor
Cornell University

Handwritten signature of Peter Druschel in blue ink.

Peter Druschel
Scientific Director
Max Planck Institute for Software Systems