Applied Data Science and AI Workshop
Attendees: Faculty members from Shenzhen Polytechnic & CityU
Victoria Room @CityU
521 Wall St Suite 100, Seattle, WA, 98121
Aug 20-21, 2018 (Mon-Tue)

Hosted by Technology Institute and Center for Information Assurance Education
at City University of Seattle
http://smartandsecurecomputing.org/applied-data-science/
Contact: Dr. Sam Chung (chungsam@cityu.edu, 253-678-2212)

Monday, August 21, 2018

Session 1 (Morning)			
(Big) Data Analytics with Tools for Industry Application			
Time	Activity (with Interpreter)	POC (Point of Contact)	Duration
8:30 - 9:00	Official introductions	Dr. Simon Cleveland, Associate Dean/Executive Director President/Provost/Dean Deputy Dean of Chinese Delegation	30 Min
9:00 - 9:30	Introduction and Agenda "Big Data, Data Analytics and Tools"	Simon Cleveland, PhD @CityU	30 min
9:30 - 10:30	Speaker I "Centralize Logging & Data Pipeline"	Yun Tse Wu @MBRDNA	1 hour
10:30 - 10:50	Coffee Break		
10:50 – 11:50	Speaker II ""Data Science with R""	Ying Ying Zhuang, Ph.D. @Amazon	1 hour
11:50 – 12:30	Group activity on how to implement topic into the classroom (Team presentations are required.)	Group with feedback from Simon/Guest Speaker and interpreter	40 min
12:00 – 1:30 PM	Lunch		
Session 2 (Afternoon)			
(Big) Data Analytics with Python for Industry Application			
Time	Activity (with Interpreter)	POC	Duration
1:30 - 2:00	Introduction and Agenda "Python, eSciecne, and Big Data"	Sam Chung, PhD	30 min
2:00 - 3:00	Speaker III "Overview of the University of Washington eScience Institute"	Sarah Stone, PhD @UW Seattle	1 hour
3:00 - 3:20	Coffee break		
3:20 – 4:20	Speaker IV "Data Science with Python"	Grayson Williams, PhD @MBRDNA	1 hour
4:20 - 5:00	Group activity on how to implement topic into the classroom (Team presentations are required.)	Group with feedback from Sam/Guest Speaker and interpreter	40 min

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Tuesday, August 21, 2018

Time	Activity (with Interpreter)	POC	Duration
Session 3 (Morning)			
Artificial Intelligence, Machine Learning, & Deep Learning with Industry Application			
9:00-10:00	Speaker V "AI, ML, & DL"	Bill Kaghan, PhD @CityU	1 Hour
10:00 – 10: 20	Coffee break		
10:20 – 11:20	Speaker VI "Fighting Malware with Graph Analytics"	Anderson Nascimento, PhD @UW Tacoma	1 Hour
11:20 – 12:00	Group activity on how to implement topic into the classroom (Team presentations are required.)	Group with feedback from Bill/Guest Speaker and interpreter	40 min