



4 Courses

Big Data Emerging Technologies

Smart Device & Mobile Emerging Technologies

IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies

AR (Augmented Reality) & Video Streaming Services Emerging Technologies



Mar 4, 2020

Muhammad Zunnurain Hussain

has successfully completed the online, non-credit Specialization

Emerging Technologies: From Smartphones to IoT to Big Data

In this Specialization, learners are taught technical details on Big Data (Hadoop, Spark, Storm), Smartphones, Smart Watches, Android, iOS, CPU/GPU/SoC, Mobile Communications (1G to 5G), Sensors, IoT (Internet of Things), Wi-Fi, Bluetooth, LP-WAN, Cloud Computing, AR (Augmented Reality), Skype, YouTube, H.264/MPEG-4 AVC, MPEG-DASH, CDN, and Video Streaming Services. The Specialization's 4 courses each include multiple projects on Big Data using IBM SPSS Statistics, AR applications, Cloud Computing using AWS (Amazon Web Service) EC2 (Elastic Compute Cloud), and Smartphone applications to analyze mobile communication, Wi-Fi, and Bluetooth networks. The course contents are for expert level research, design, development, industrial strategic planning, business, administration, and management.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Jong-Moon Chung,
Ph.D., (Yonsei
University, Seoul,
Republic of Korea)
Associate Dean of the
College of Engineering,
Professor of the School
of Electrical & Electronic
Engineering, Chair of
the Department of
Defense Fusion
Engineering. Editor of
the IEEE Transactions
on Vehicular
Technology.

Verify this certificate at:
coursera.org/verify/specialization/V5D3D5JEPW3X