FLORIDA ATLANTIC UNIVERSITY

DATA SCIENCE, ANALYTICS, AND ARTIFICIAL INTELLIGENCE CONFERENCE

SATURDAY NOVEMBER 14, 2020

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BREAKOUT SESSION

PRESENTATION DESCRIPTION

CHARLES E. SCHMIDT COLLEGE OF SCIENCE

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AI from Scratch to the Edge – Discussing the fundamentals of how to build Edge Applications, Opportunities and Challenges.

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In this session we will discuss opportunities of AI at Edge and the design patterns to architect data inferencing at Edge.   We will bring to light our experience working with Telecommunications Industry and Industry 4.0 transformation, applying fundamentals of Edge application development.   There will be live demonstration of how we build and deploy Edge AI workloads, consideration of model and compute management at the edge as well as cover various use cases in this area.   During this session we will also share some of the challenges we encountered and considerations to make as we define Edge use cases.

Keywords: Edge, AI, Analytics, 5G