Qualcomm

Jeremiah Golston
EVP, Engineering and Application Processor Technology

Jeremiah is EVP, Engineering leading teams responsible for Application Processor (AP) Technology, AI, Auto, Data Center and IE-IOT Engineering. The AP Technology team develops custom CPU, GPU, NPU, DSP, and Multimedia core IP used across all Qualcomm businesses. AI Systems, Research, Hardware, & Software teams collaborate to build tools and optimal machine learning algorithms that enable the Snapdragon platform to deliver best-in-class AI performance and power efficiency for edge devices. The Auto, Data Center, and IE-IOT engineering teams develop Qualcomm's chipsets and platform solutions for those product lines fueling Qualcomm's diversification and growth strategy.

Before his broader role leading AP Technology, Jeremiah was the Automotive Engineering lead starting from 2014. He led development of the product line and built-up the engineering team from Qualcomm's first Snapdragon Auto Infotainment processor derived from an existing mobile chipset adding support for AECQ-100 automotive quality to the current Gen5 family of safety-certified Automotive Chipsets. Gen4 and Gen5 include both ADAS and Digital Cockpit chipsets built with a common architecture and introduced a new Flex category with integrated ADAS and Cockpit on a single SoC enabling advanced capabilities in mainstream car lines. The Qualcomm ADAS offering also includes production-level automated driving and camera perception stacks. Qualcomm has become established as a leader in Automotive platform solutions enabling the industry transition to Software Defined Vehicles with high-performance centralized compute.

Prior to Qualcomm, Jeremiah was a Fellow at Texas Instruments leading SoC, multimedia IP, and system architecture for DaVinci media processors optimized for automotive infotainment, ADAS, IP set-top box, security camera & DVR, and video conferencing. Jeremiah holds bachelor's and master's degrees in electrical engineering from Missouri University of Science and Technology and holds more than twenty-five patents in the field of application processors and multimedia systems.

###

(5/29)