WASHINGTON, DC — This week, Industry welcomed the ‘Class of 2024’ to a new decade of unlimited opportunities to explore technical and innovative careers. The National Capital Region hosted the 18th annual HBCU Festival, The Washington Auto Show®, and the annual High School Coding Competition (HSCC) season opener.

The HSCC kick-off was powered by America’s 2019 National Coding Champions, BDPA of Greater Washington, D.C. (BDPAdc.org). Their journey to BDPACon20 in Atlanta is underway, as a new decade brings with it increased regional participation welcoming JROTC units, HSCC teams from Baltimore, the District, Northern Virginia, Central Maryland, and new collegiate chapters.

Industry’s Historically Black College and University (HBCU) pipelines continued to grow this weekend with inclusive programs, impact investments, and support for annual HBCU Festivals. The Alfred Street Baptist Church Foundation (ASBC) hosted their 18th Annual Historically Black Colleges and Universities College Festival at the Gaylord National Resort Convention Center this Saturday where scholarships and acceptance letters were awarded on site during the festival!

The annual Festival is dedicated to connecting high school students and parents to HBCUs, while helping more students enter college to ensure HBCUs meet enrollment goals. Since 2003, the Festival has connected more than 35,000 students and parents to academic institutions. Many students are first-generation college students, and in some cases, institutions participating in the Festival are the only available choices for these budding scholars. Discover more at bdpatoday.com. bt

— Sources: BDPA-DC and ASBC
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Now in its 45th year (Volume XLV) National BDPA (NBDPA) and participating local BDPA Chapters publish daily and weekly blogs with quarterly or monthly newsletters.

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SUPER COMPUTERS

MILWAUKEE, WI — From the *NVIDIA Blog*, Bob Sherbin writes that an NVIDIA GPU-powered supercomputer named “Rosie” is at the heart of a new computational science facility at the Milwaukee School of Engineering (MSOE). Unique to MSOE, the supercomputer will be available to undergraduate students, offering them the ability to apply their learning in a hands-on environment to prepare for their careers. Thanks to the university’s corporate partnerships, students will access this high performance computing to solve real-world problems in their course work.

Housed in a glass-walled area within the newly constructed four-story Diercks Hall, the new NVIDIA-powered AI supercomputer includes three NVIDIA DGX-1 pods, each with eight NVIDIA V100 Tensor Core GPUs, and 20 servers each with four NVIDIA T4 GPUs. The nodes are joined together by Mellanox networking fabric and share 200TB of network-attached storage. Rare among supercomputers in higher education, the system — which provides 8.2 petaflops of deep learning performance — will be used for teaching undergrad classes.

Since their introduction in the 1960’s, the United States has long been the leader in supercomputing career fields. Japan made major strides in this field in the 1980s and 1990s; however, China has become increasingly active in the field. As of November 2018, the fastest supercomputer in the world capable of 200 petaFLOPS is the *Summit* developed by IBM with the Department of Energy’s Oak Ridge National Laboratory (ORNL).
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