



Technology Solutions

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Issue 3 2018

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ISSUE

Happy Holidays from CAPS Technology Solutions

Trister 3 Recap

Associates traveled and enjoyed various technology based business tours and presentations during Trister 3.

Community Open House & Sophomore Showcase

Preparation, presentations, and activities.

2019-20 CAPS program

Applications open for the 2019-2020 school year.

DATES TO REMEMBER

NOV 5-----CERNER (1ST YEAR) INTERNSHIP INTERVIEWS SCHEDULED
NOV 8-----OMNILIFE VR TOUR AND VR DEMO
NOV 8-----COMMUNITY OPEN HOUSE 5:30-7:00 PM
NOV 16 & 19---SOPHOMORE SHOWCASE
NOV 21-23-----THANKSGIVING BREAK
DEC 6 -----TGS TOUR AND ACTIVITIES
DEC 12-----KCPD TOUR AND DEMO OF CALL CENTER & DISPATCH
DEC 13-----FEDERAL RESERVE BANK TOUR AND PRESENTATION
DEC 18-----SEMESTER ONE STUDENT PRESENTATIONS
DEC 20-----TRANE TOUR
DEC 21-JAN 6 --WINTER BREAK
JAN 7-11 2019 -CAPS STUDENTS BACK AT CAPS/HCC FOR THE WEEK
JAN 14-----SPRING INTERNSHIPS BEGIN

HAPPY HOLIDAYS...Students, Parents, and Community Members

Happy Holiday season from CAPS Technology Solutions! **Thank you parents, community members and students for attending the Community Open House and Sophomore Showcase.** It's hard to believe 2018-19 Semester One is in the bag. Year one students have been sharpening up their learning in various programming languages and getting ready to start their internships in January. Year two students have another semester of internship experiences to rave about. Please take a break, relax, and enjoy family and friends during the holidays. And of course, stay healthy and safe!

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Gaven enjoying a Virtual Reality game at Disciples of Gaming/OmniLifeVR. How many hits did you get Gaven?

TRISTER 3 RECAP

TOURS AND PRESENTATIONS

- **Marco Stanich and Leon Probasco, Disciples of Gaming and OmnilifeVR** What other uses can you think of when it comes to Virtual Reality besides gaming? How about Interactive Learning (Training, Education), Interactive Therapy (Healing, Rehabilitation), Interactive Fitness (Exercise, Wellness)? Mr. Stanich and Professor Probasco offered insight to new Virtual Reality techniques for helping patients relive past experiences. Customers, guests and patients may engage in a new world of wonder through visuals, sound and interactions. And yes, we got to play and compete on the VR system! Playing in a 3D world kept you on your toes as opponents appeared from everywhere.

FYI

One in every 10 workers in Kansas City is employed by the tech industry. Technology directly contributes almost 10 percent to the local economy. There are 3,876 tech companies in our region, from nimble startups to global enterprises, such as Garmin, Cerner, H&R block, VML and Honeywell.

From: <https://www.edckc.com/kc-tech-industry-report-card-shows-three-key-opportunities-for-growth/>

- **KCPD tour, demo of Call-Center/Dispatch** Phones ringing, 911 emergency calls answered and dispatched, four computer monitors to track call data at each station-organized chaos! Yet, all the operators were calm and collected while they spoke to the 911 callers. The software being used to track and transfer calls was amazing. Each computer monitor displayed something related to the call; location services, tracking of officers, dispatched transfers, call priority, etc.



Huey, Dewey and Louie, the AGVs (automated guided vehicles) that transport all cash.

- **Federal Reserve Bank Presentation/Tour** gave students a look at some of the technology positions offered. Did you know of the 1500 bank employees, 50% of the jobs are related to technology! Job titles included data analyst, web developers, UX (user experience) designers, program development, and artificial intelligence. Similar but more intensive than the CAPS model, the Federal Reserve Tech-Edge program immerses Computer Science college grads into a nine-month comprehensive development experience with impactful and meaningful solutions.
- **Trane presentation and tour** How much technology could a Heating, Ventilation, and Air Conditioning company have? Some might think very little. However, with increasing use of Data Analysis and Internet of Things (IoT), Trane has much to offer their commercial clients in automation and controls of air handling.

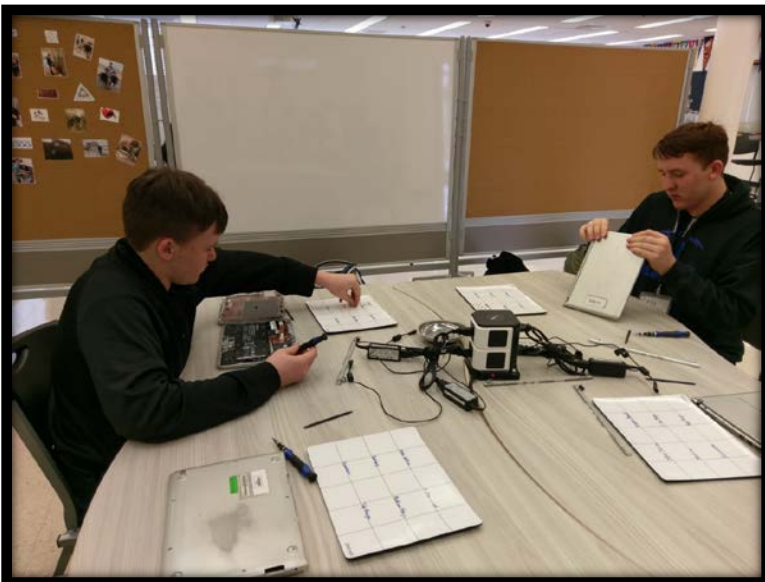
- **TGS “Day in the Life of IT”** Students were introduced to networking systems, a help desk call-center and ethical hacking. How easy is it to hack a system? The students were surprised of how simple the process really was using written code and techniques. TGS staff demonstrated software and access to client servers and computers and discussed steps taken to prevent attackers and train client staff how to handle phishing, email scams, etc.



*CAPS students hacking a TGS in-house system.
Ethically of course!*

SOPHOMORE SHOWCASE

Sophomore students from CAPS sending high schools rotated through the CAPS offerings of



Dismantling Chromebooks



Google Doodle creation using Scratch programming language

Education Exploration, Animal Health Sciences and Technology Solutions on November 16 and 19. The Technology Solutions associates had students creating Google Doodles using Scratch programming language and dismantling Chromebooks for their hands-on activities.

COMMUNITY OPEN HOUSE

The Herndon Career Center and Southland CAPS programs invited the Community to an Open House on Thursday, November 8, from 5:30 - 7:00 pm. Guests braving the cold and snow were able to explore all the programs, equipment, and training opportunities! Instructors, students, and alumni were available to provide information on employment trends and career opportunities.

2019-20 CAPS PROGRAM

Enrollment is now open for the 2019-2020 Southland CAPS program year! Applications are located on the CAPS website at: <https://southlandcaps.yourcapsnetwork.org/enrollment/>.