

# THE BYTE

*Hoover High School Academy of Information Technology*



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## **AOIT News - February 2021**

*by Ellen Towers*

Academy of Information Technology is starting 2021 on line with the students attending Zoom classes. The second semester started on January 29, 2021 with students moving into electives of GIS 1-2, 3-4 with Mr. Voeltner. These course focus on mapping to make community changes using ArcGIS technology to create stories from these maps. Juniors and Seniors are moving in Video Production and Broadcast Journalism with Mr. Michener to create multimedia for our Cardinal for a Day in February, 2021. Mr. Wetzel is working with AP Computer Science Principles and Cybersecurity to prep them for the AP exam in May of 2021.

To celebrate the end of the first semester we are celebrating our students with a GPA of 3.0 with a "Smart Cookie" event on February 11, 2021. This event will pass out cookies to our students in the front parking lot of Hoover High School from 1:30 p.m. - 2:30 p.m. We welcome all our Advisory members to come to celebrate their success. Here is the link for information:

<https://sites.google.com/sandi.net/smartcookie2021/home>

The AOIT teachers look forward to coming back in the classroom in 2021! Thank you for all our support during this time.



## IT Girls -

by Ellen Towers

IT Girls meets weekly to discuss issues with women in technology. We are currently reading "My Year with Eleanor," as well as discussing ways to build our resumes and create LinkedIn pages. On February 5, 2021, we joined the Torrey Pines IT Girls for guest speaker, Skylar Slotter, a PSU Graduate student, to discuss the State of Technology and women. Here is the video link to her discussion:

<https://www.youtube.com/watch?v=EyqILNPmrqk> IT Girls meet on Fridays at 2:00 p.m. on Zoom with the following link: <https://sandiegounified.zoom.us/j/81979517091>

## Classroom Spotlight:GIS

by Bryan Voeltner

In the second semester we begin our coursework on GIS with our instructor Bryan Voeltner. The GIS courses are using ARC GIS software to create story maps to provide information on community issues, such as sidewalk repairs in City Heights or location of homes in the Harlem Renaissance for a history project. This course has the title, GIS: Nature and Human Environment, to encourage students to see the connection between GIS and community activism. GIS works with our Advisory Board member Randy Liddel, retired San Diego Gas and Electric, to show the importance of GIS in preventing fires in San Diego County. GIS will get a new lab in 2022 to industry standard to ensure that our students have state-of-the-art equipment. We are always looking for San Diego professionals to come into our classrooms to showcase career opportunities. Please contact Bryan Voeltner at [bvoeltner@sandi.net](mailto:bvoeltner@sandi.net) to get involved in AOIT.



## Senior Spotlight: Jose Hernandez



by Natalia Tyler

Jose Hernandez is such a kind-hearted, well-rounded student who leads by example and is dedicated to his AOIT family. He maintains exemplary grades, participates in this online environment, and never hesitates to advocate for help. He endeavors to grow and improve and always puts all his energy into his commitments and projects. For instance, he mentored and presented to underclassmen his project on security of our national elections, in the hopes to encourage others to do well when they engaged with this project endeavor. He is a leader and truly an asset to our AOIT community.

## **AOIT Student of the Month - Freshman Fare**

*by Dan Brittain*

While she is just beginning her journey as a Hoover Cardinal and as a member of the AoIT, Maryam Mohamed is already flying high. She is the definition a scholar: she is curious about the world around her and is eager to learn all that she can. She always participates in the online environment, asking precise questions, seeking feedback, and providing assistance to others. She is always a joy to work with in class and during office hours. Her outstanding attendance, her academic and citizenship record, and her general attitude toward learning make her a Cardinal to watch in the future.



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