

# StudentTECH

*Biweekly Newsletter*

January 11, 2023




## *New at SDSC StudentTECH:*

Happy New Year, STUDENTTECH!


Whether it be mentally, academically, physically, or financially, we would like to encourage you to set your own goals for the year. This can be done by referring to the SMART method- creating goals that are Specific, Measurable, Attainable, Realistic, and Timely. Lots of great things are coming for STUDENTTECH in 2023!


Be sure to be on the lookout for new audio updates, summer camp registrations, and internship opportunities!

**STAY CONNECTED!**

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# MEET MR. JOHN VAN ZANDT

## CHAIRMAN AND PRESIDENT, CEO SOFTCENTERS INC.



John Van Zandt has brought his executive and entrepreneurial experience of over 30 years to numerous successful technology companies, and now over to STUDENTTECH! He specializes in software product development and management, bringing technology to world markets, and the leveraging of technological advancements for businesses to implement. Van Zandt currently serves as the President and Chairman of CEO Softcenters Inc., a global software development company he founded in 2002. Since its launch, CEO Softcenters Inc. continues to be a world leader in custom mobile app development.

Van Zandt is the lead mentor for the ABLE App Challenge Team working on the Stuart Collection App for the University of California, San Diego. He directs a group of five additional mentors from his company along with over 15 students from the ABLE program. The group has continued to meet on a weekly basis since the initiation of the program in October 2021. It is anticipated that the app will be completed in 2023.



# JANUARY'S MAP STUDENT TELECONFERENCE



## IMPROVING WILDLIFE TRACKING VIA HIGH PERFORMANCE COMPUTING ENABLED APPLICATIONS

"Revolutions in biotelemetry have made it easier to track larger numbers of animals from a wider range of species, with implications for everything from wildlife management to the placement of wind farms. High performance computing can be used to process this data, primarily GPS readings, to generate accurate estimates of animal home ranges. We'll discuss how this can be done in both 2D and 3D along with giving a preview of our new Space Use Ecology science gateway that enables these calculations to be performed through an easy-to-use web interface." -Dr. Robert Sinkovits



The Director of Education at the San Diego Supercomputer Center, Dr. Robert Sinkovits, is the guest speaker for this month's MAP Teleconference! He leads the scientific applications efforts at SDSC, collaborating with researchers spanning many fields with an emphasis on making the most effective use of high end computing resources.

COMING SUMMER 2023

# NEW LAUNCH OF DATA SCIENCE BOOTCAMPS FOR HIGH SCHOOLERS

Calling all data science lovers! The Halicioğlu Data Science Institute (HDSI) is launching a brand-new bootcamp for high schoolers this summer. It is a wonderful opportunity to learn and get involved with what the institute does across campus. More details will be released shortly.

HDSI's mission is to lay the groundwork for the scientific foundations of the discipline of data science by developing new methods and training students to utilize scientific information in a way that will allow them to solve the world's most pressing problems. They serve as a collaborative unit across several disciplines across the University of California, San Diego.

## Wondering if data science is right for you?

Data science works with methods in computation, information, and statistics through drawing special attention to the data sources and the nature and quality of the data. This allows students to raise attention to the practical utilizations of data in order to create real-world solutions. Provided for your convenience below are links to resources that can aid you in your decision process.

[Arrival of the Halicioğlu Data Science Institute Youtube Video](#)

[The Halicioğlu Data Science Institute Official Website](#)



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