introduction to stochastic modeling instructor
Single-cell RNA-Seq allows us to observe snapshots of how biological systems change over time at cellular resolution. Here, the authors develop a generative framework that uses time-resolved

generative modeling of single-cell time series with prescient enables prediction of cell trajectories with interventions
Climate change, a pandemic or the coordinated activity of neurons in the brain: In all of these examples, a transition takes place at a certain point from the base state to a new state. Researchers at

mathematicians find core mechanism to calculate tipping points
Gaining access to medical data to train AI applications can present problems due to patient privacy or proprietary interests. A way forward can be privacy-preserving federated learning schemes.

end-to-end privacy preserving deep learning on multi-institutional medical imaging
The evolution of AI from theoretical concepts to machine logic to expert systems to machine learning to artificial neural networks and big data-based deep learning

114 milestones in the history of artificial intelligence (ai)
ETH spin-off Rimon Technologies has developed a framework to enhance the capabilities of teams and companies to build their own augmented reality (AR) applications such as manuals for complex machines

augmented reality manuals
Linda Heeyoung Park ’21 and Benjamin Antillon Fernandez ’21 are joint recipients of the 2021 David Grossman Exemplary Clinical Student Award.

park and antillon fernandez win 2021 david grossman exemplary clinical student award
Here’s an electric vehicle that needs no introduction — the Porsche Taycan is one of Zuffenhausen’s best selling non-SUV vehicle to date. Our road trip from Austria to Germany asked for 693km from a

the porsche taycan proves that it is the perfect ev for track days
This is a snapshot of the many people in Kansas City’s AAPI community who shape and move the city as we know it.

nine kansas city residents share what being asian means to them
Connect For Education, Inc. (C4E), a leading education technology company announced today a partnership with Bloomsbury Publishing to transform their well-established fashion textbooks from Fairchild

connect for education partners with bloomsbury to create, distribute, and
support interactive and flexible digital courses
Nazi Germany and Soviet Russia supported different sides of the Spanish Civil War, which they used to test new weapons and tactics. Early in the morning of October 29, 1936 a column of T-26 tanks went

where did the soviet union test out its tanks before world war ii? the answer might surprise you
Three UC San Diego undergraduate students with impressive academic and research credentials were selected to receive the Goldwater Scholarship, designed to foster and encourage outstanding students to

uc san diego: undergraduate researchers earn goldwater scholarship
This story was provided to the Laramie Boomerang from the Wyoming Afterschool Alliance and Wyoming Community Foundation.

uw science initiative spreads stem inspiration across wyoming
A combined 551 years of service was honored at Wednesday’s 34th annual employee reception. A total of 31 USD 413 employees were recognized at the event, held at Chanute High School’s auditorium. The

usd 413 employees share spotlight at annual awards reception
After receiving the relevant licences from Hong Kong’s Securities and Futures Commission in February, Singapore-headquartered StashAway has recently launched its digital advisory platform in Hong Kong

stashaway's head of hong kong on building the brand and the great potential of north asia
Hunterdon County Polytech Career and Technical High School’s Bartles Campus not only hosted the SkillsUSA New Jersey 3D Visualization and Computer Animation Competition, but four Polytech students

nj students: four polytech students take top honors in online event
At the 17th Venice Biennale, there was a palpable sense of relief in the air, and projects have been sharpened by an extra year of prep

on the ground at the 17th venice architecture biennale
The Omen 16 and 17 will be HP's new mainstream gaming notebooks, while the new Victus line is replacing the Pavilion Gaming brand for HP's affordable gaming laptops.

hp just overhauled its gaming laptop lineup
Oak Ridge prepares Experimental Reactor for deactivation, demolition OAK RIDGE, Tenn. - EM crews are preparing to deactivate the former Experimental Gas-Cooled Reactor (EGCR) at the Oak

knoxville biz ticker: south college bridge program offers free courses to students entering higher education
In an effort to draw attention to sexual assault at Binghamton University, students speakers from the class Women, Gender and Sexuality Studies 282: Activism,

“activism, feminism and social justice” class hosts town hall on sexual assault awareness
Open Letter regarding Climate Accountability Bill signed by over 170 acclaimed writers, including Ondaatje, Atwood, Atom Egoyan, Eden Robinson.

atwood, ondaatje, egoyan and 167 canadian writers urge trudeau to "change the climate story" in this open letter
That huge sum is all dedicated to one goal: sharpening the skills of Air Force fighter pilots by putting them in realistic air battles against foreign jet fighters. The U.S. milit

why the u.s. air force fights fake battles against israeli jets
Q1 2021 Earnings Call May 18, 2021, 8:00 a.m. ET Good day, and welcome to the NetEase 2021 first-quarter earnings conference call. Today's conference is being recorded. At this time, I would like to

netease (ntes) q1 2021 earnings call transcript
Q1 2021 Results Conference Call May 18, 2021 08:00 AM ET Company Participants Margaret Shi - Investor Relations-Director William Ding - Chief Executive

netease, inc. (ntes) ceo william ding on q1 2021 results - earnings call transcript
THE training of prospective air traffic controllers in the country has been elevated to a new level with the introduction of a state-of-the-art “3D aerodrome tower simulator,” which recreates
Children build important cognitive skills when playing with construction toys like LEGO sets (Fulcher & Hayes, 2018). In particular, experience with building toys is associated with improved spatial skills.

The connection between LEGO sets and gender stereotypes
The State Council Information Office of the People's Republic of China on Friday released a white paper titled "Tibet since 1951: liberation, development and prosperity.

In this paper, we will attempt to quantify the stock market co-movement between Hong Kong and Singapore. As two of four “Asian tigers”, both Hong Kong and Singapore are advanced economy entities.

Quantification of stock market co-movement between Hong Kong and Singapore
Both in Carson City and across the nation, restaurants are struggling to find enough staff to work, whether it be in the kitchen or customer service positions. Some believe the reason is because of labor shortages in Carson City and beyond.

Full text: Tibet since 1951: liberation, development and prosperity
The Nevada Seismological Laboratory reports a 3.91 magnitude earthquake shook the Lake Tahoe area Sunday morning. The earthquake was felt throughout the region, including the Carson City area. It was...