Or, How I Learned to Start Worrying and Hate My Computer

Thaddeus Hughes
Opinions Editor

Page 4: Silver screen and local stage, it's all good
Page 5: Do-Ho Suh at the Indy Museum of Art
Page 6: Government Shutdowns Do Not Work
Page 7: Rose track & field honors Senior Class of '23

Lauren Wiseman
News Editor

WMDH is bringing the heat to campus this February day this Friday night at 8 p.m. Their winter concert will kick off in the SRC Fieldhouse, which will be filled with the pop-punk sounds of local music.

Small Words will be releasing their full-length debut in the first half of this year.

The RDC winter production features timeless humor and societal satire.

The five members of the pop/punk band My Sweet Fall have been playing since 2011.

Page 6: Government Shutdowns Do Not Work

Spectre and Meldown are two recently discovered CPU security flaws that affect nearly all processors made in the last 20 years.

Developers are now making patches to prevent security issues as a result of this, and it could mean up to 25 percent degradation of performance.

The general easy Meldown fix is to kill the kernel and isolate separate parts, making it harder to guess and access kernel memory easily.

Dr. Silv Stann asked about security issues relating to virtual machine usage on cloud computing systems. "The VM layer (a strategy employed by many hosting services to isolate application instances) helps, but it may not make every service immune (from these attacks)," explained Dr. Stacks. "There are holes across that boundary."

Dr. Stacks remains fairly calm about the situation: "The sky is not falling...We don’t want to start panicking our clients."

For most of my life, computer architecture has been about performance—we've been sacrificing everything for performance. Was this wrong? I don’t think so," said Dr. Stacks. "The true problem is you are always right.

The spikes acknowledge there are some issues with chip maker Intel's memory. "When I was at Intel, I was asked, 'Do you care about security?' he said. "Things do need to change."

Page 7: Rose track & field honors Senior Class of '23

Wilde Wit

WDC production opens Friday

The Importance of Being Earnest

The RDC winter production features timeless humor and societal satire.

Photo Courtesy of Rose Drama Club

Lauren Wiseman
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Our Mission Statement:
We are Rose-Hulman’s independent student newspaper. We keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information.

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ISSUES of The Rose Thorn are published on the second through ninth Mondays of each academic quarter.

WEEKLY MEETINGS occur at 5:15 p.m. on the first through ninth Tuesdays of each academic quarter. All members of the Rose-Hulman community are welcome to attend.

SUBMISSION of articles, photographs, art, and letters to the editor is encouraged. Submission may be made by email to thorn@rose-hulman.edu or in person to Percopo room 031. The submission deadline is 5:00 p.m. Friday.

THE RIGHTS to accept submissions or changes made after the deadline, to edit submissions in so far as the original intent of the submission remains unaltered, and to reject submissions deemed inappropriate for print are reserved by the editors.

LETTERS TO THE EDITOR should be no longer than 600 words in length and must contain the writer’s (electronic) signature.

THE VIEWS EXPRESSED herein are those of their respective authors and with the exception of the Staff View do not necessarily represent the views of the staff or the Rose-Hulman community.

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On January 22, the Trump administra- tion imposed a 30 percent tariff on imported solar cells and modules. The tariff exempts the first 2.5 gigawatts of solar cells and modules and will be in force for the next four years, increasing to 51 percent at the end of the period.

The tariff represents the first action by the Trump administration to combat what it claims are unfair practices against United States manu- facturing. A tariff was also placed on large residential washing ma- chines imported from South Korea.

Critics of the tariff have warned that the move could set off retaliato- ry measures by the Chinese govern- ment, escalating into a trade war.

The move follows a recommen- dation from the United States Inter- national Trade Commission to im- pose a tariff of 35 percent on solar components. The commission had found that imported solar cells and modules had unfairly hurt domestic manufacturers.

This is not the first time the United States has imposed tariffs on imported solar components. The Obama administration twice im- posed tariffs in 2012 and 2014, on Chinese solar manufacturers. In those cases, tariffs ranged from 19 percent to more than 78 percent.

The difference is that Obama-era tariffs were only applied to im- ported Chinese solar components. The new tariff will be applied to all imported solar cells and modules.

China currently produces 60 percent of all solar cells and 71 per- cent of solar modules, according to GTM. Since 2005, China’s share of production has grown from 7 percent to 61 percent in 2018. However, Chinese solar cells and modules only represent 10 percent of imports to the United States.

The Trump administration ar- gued in the tariff filing that China has used “state incentives, subsidi- ies, and tax breaks to dominate the global supply chain” of solar cells and modules.

The tariff is expected to reduce solar demand in the United States. The Solar Energy Industries Association has projected that the tariff will cut 23,000 domestic jobs. The solar industry employs roughly 260,000 people, across a variety of sectors, GTM Research projects that solar installations will see a set re- duction of 13 percent through 2022, resulting in 7.6 gigawatts of reduced installed capacity.

The United States solar industry has been growing rapidly in recent years, owing much to the precipit- ous fall in cost for solar energy. Ac- cording to the National Renewable Energy Laboratory, the residential price per watt has fallen 65 percent to $0.85, and commercial price has fallen 60 percent to $3.80.

Solar energy production at the commercial level has also exponenti- ally increased in recent years, from 449 MW in 2007 to 3,536 MW in 2015, according to the United States Energy Information Administration, representing a 60-65 percent increase.

China manufactures roughly 73 percent of all solar modules. The remainder of solar modules are also produced in Asia.

The price per watt of commercial and residential solar has steadily declined as solar panels have precipitously fallen in price.

The 2018 Greatest Floor competition was held over the weekend. Teams of students from res- idence halls all around campus competed. Over 24 hours, stu- dients compete in 24 events.

This year’s theme was “The Final Frontier.”

The Percopo 2 team won the weekend-long event. In addition to a trophy, stu- dients competed for the “Floorish,” a torch that embod- ied the spirit of the competi- tion. This year’s “Floorish” was space-themed, created in the image of the space shuttle.

Enjoy these photos from the competition and the winning teams.

More information about the event can be found on My Rose, The 2018 Greatest Floor competition.

Each floor was required to reenact a short scene from a space- related movie. Can you guess what this one was?

Photo by Emily Roberts

The Percopo 2 team won the 2018 Greatest Floor competition.

Image Courtesy of Dara Nafiu
If an animated picture cleans house in the awards, leading up to the Oscars, they have a better chance of winning the Academy Award. Actually, this year’s Oscar Can is in the lead; and while Coco will most likely win, Lord of the Rings deserves more recognition for its spectacular animation. The weird choice is The Boss Baby, and I have no idea why that got nominated. Where in the heck is that shot, especially because that means both The Lego Movie and The Lego Batman Movie have been snubbed come awards season.

Now we move towards the technical side: screenplays, cinematography, and design. The only award given for adapted screenplay thus far was the Critics’ Choice Award given to James Ivory for Call Me By Your Name. In the end, this will probably win out, though it is really easy to see that Logan’s screenplay was nominated for the Academy Award—it is a huge step forward in making the artistic achievements of comic book films.

The Oscar for Best Original Screenplay could be a toss-up between Jordan Peele’s Get Out, which won Critics’ Choice; and Martin McDonagh’s Three Billboards Outside Ebbing, Missouri, which took home a Golden Globe. However, with The Shape of Water doing as well as it has, it would be unwise to count that film out of the running. Come Oscar night, though, McDonagh will probably win if the Oscar, but the consensual online will be that Peele should have won.

Cinematography, to me, is pretty open and shut. The Oscar belongs to Roger A. Deakins for his collaboration with the master cinematographer, and the visuals for Blade Runner: 2049 were out of this world. Unfortunately, though, a film about fashion is going to surpass far more than likely to determine the winner, Directors Guild of America is far been the choice for Best Director. Blade Runner: 2049 could be a deciding factor. That being said, the Best Original Song will be a toss-up from Coco, but I am picking ‘Mystery of Love’ from Call Me By Your Name to sneak in at the last minute and take the Oscar.

Visual Effects could go a number of ways. War for the Planet of the Apes has been nominated for Best Wiki-Effect; and the franchise has been nominated for Best Sound Editing and Mixing. In the end, with Blade Runner: 2049 taking the prize in the end, much to the chagrin of Karin Konoval, they may win. Duns Đokidr and the atmosphere they helped cre- ate, Sound Mixing for Blade Runner: 2049, and, to me, a toss-up from Coco. In the end, with Blade Runner: 2049 taking the prize in the end, much to the chagrin of Karin Konoval, they may win. Duns Đokidr and the atmosphere they helped cre- ate, Sound Mixing for Blade Runner: 2049, and, to me, a toss-up from Coco.

Not many people can live up to the legacy of the character of Marlon Brando, who won the Oscar for his role in The Godfather. The only thing that compares to it is the performance of the film. The Academy Award for Best Actor was last won by Gary Oldman in 2017 for his portrayal of Winston Churchill in Darkest Hour.

The Shape of Water

The Shape of Water

This year is no different, with both Oldman and Denzel Washington being nominated for their roles. Oldman has been performing excellently, but he has never won an Oscar before, whereas Washington has a better shot at winning. I am predicting Washington to win, but Oldman has a chance to shock the world.

For Best Supporting Actor, the SAG award went to Gary Oldman for his portrayal of Winston Churchill in Darkest Hour. Actually, this year’s Oscar Can is in the lead; and while Coco will most likely win, Lord of the Rings deserves more recognition for its spectacular animation. The weird choice is The Boss Baby, and I have no idea why that got nominated. Where in the heck is that shot, especially because that means both The Lego Movie and The Lego Batman Movie have been snubbed come awards season.

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Twenty-Three-year-old Karly-Maria Loaiza, better known as Kali Uchis, is a Columbian-American artist that has become very popular in the R&B / hip hop scene in the past few months. She grew up in Alexandria, Virginia but recently moved to Los Angeles to pursue her exploding music career.

Kali released an album in 2015 by the name of "Por Vida". This album was very successful for someone of her obscurity at the time, though she has really been in the spotlight recently because of her amazing singles. Tracks such as Tyrant with Jorja Smith, After the Storm with Tyler The Creator, and Get You with Daniel Caesar make up hundreds of millions of streams on various music platforms. Get You has even been nominated for Latin Grammy "Record of The Year" and a Grammy for "Best R&B Performance."

To go into her sound a bit more, she has an extremely melodic and raspy singing voice reminiscent of Erykah Badu. She also has a very strong Latin influence on her music and even has a few songs that are completely in her native language of español. I find songs such as Nuestro Planeta, which have no English whatsoever, especially beautiful even though I don’t speak the language. They truly make me focus on the music in the song and I develop a very different connection to it.

Apart from her own music she has also featured herself in many other artists’ music such as See You Again and Perfect by Tyler The Creator. Her angelic voice paired with Tylers deep raspy tone create a powerful duality in all of the music they make together.

Kali Uchis has also joined the long list of artists that express themselves in more than one art form. Her appreciation for fashion and visual aesthetic in not only her music videos but her clothing make her an extremely interesting and visually pleasing artist to follow. Her music videos After The Storm and Tyrant are some of the more adventurous concepts I have seen in recent years, and I cannot wait to see more of her art in the future.

If you are looking for a new artist to get into and have any interest in R&B, hip hop, soul, or even if you’re looking for a new form of fashion inspiration, Kali Uchis should be in the realm of possibilities for someone you should pick up.
"The shutdown was doomed from the very start"

Down. The shutdown finally ended the next morning when the two sides agreed to end the filibuster as long as the Republicans agreed to discuss the DREAM Act, which looks to fix the time frame for Dreamers by the continuing of the next resolution on February 18. Although it has been portrayed as a failure of a Democratic policies, with Republicans agreeing to very little, some blame the Democrats for ending the shutdown so early and not holding out long enough to get agreement on a budget proposal that would be acceptable with Senate Republicans. However, the shutdown was doomed from the very start. The government shutdowns in the United States are a relatively young phenomenon. The first government shutdown occurred less than 20 years ago on May 1, 1995. The 1995 shutdown was caused by Congress largely Ig

The shutdown was doomed from the very start

“Most issues are simply kicked down the road to later discussion”

US Must Stop Bloodshed

Support for War in Yemen Must End

Marc Schneit

Editor-in-Chief

The United States has been access to human rights abuses at the hands of Saudi Arabia. The civil war taking place in Yemen has been perpetuated by the United States, in the form of weapons sales, logistical support, and political cover.

For those not well-versed in the Yemeni conflict, here is a quick re-

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RHT Men’s Basketball
Blake Powell
Sports Editor

The Rose-Hulman men’s team beat Transylvania 70-66 on Saturday afternoon, which kept the Fightin’ Engineers in the first place in the conference.

The two teams fought hard in the first half with the score tied 26-26. To start the second half, Charlie Aimone went on a 10-0 run to push the lead to 36-26.

MEN’S BASKETBALL

ROSE HULMAN (12-3, 6-0) 26 44 70
TRANSYLVANIA (12-3) 10 23 66

Standout Performers

Charlie Aimone—19 points and 10 rebounds
John Carmecki—all points and 7 rebounds

RHT Women’s Basketball
Blake Powell
Sports Editor

The Rose-Hulman women’s team was impressive as they played in conference with their 46-6 win over Transylvania on Saturday afternoon.

Both teams started slow by turning the ball over on seven of the first nine possessions. However, Rose-Hulman won the game up and took a 16-to-lead at the end of the first quarter.

The Rose-Hulman men only turned the ball over six times after their first lead in the third quarter.

WOMEN’S BASKETBALL

ROSE HULMAN (10-5, 4-0) 14 22 21 55
TRANSYLVANIA (13-4, 2-2) 4 10 12 21 56

Standout Performers

Abby Brommenschkel—13 points, 5 assists, 2 steals, and 2 blocks
Alyzia Dilworth—14 points
Chiarra Franklin—13 points and 8 rebounds

RHT Player of the Week
Blake Powell
Sports Editor

Abby Brommenschkel is the RHT Player of the Week. Abby balled out on Saturday afternoon by racking up 13 points, 5 assists, 2 steals and 2 blocks. Abby is the starting point guard for the successful leading women’s basketball team. As a sophomore, Abby was named to the All-HCAC second team along with helping out the team in their previous back-to-back HCAC championships.
“Nobody ever says, ‘Dammit, I wanted more class time!’” - Dr. Richard House

“If the p-value’s low, reject that hypothesis.” - Dr. Megan Heyman

“This was a painful moment.” - Dr. Zak Estrada

“This can be challenging, pull yourself together! The students love and appreciate the chance to slowly descend into madness.” - Dr. Jeffery Leader

“Students: ‘Have a nice day!’

“Too late.” - Dr. John Rickert

Did your prof say something hilarious or just great out of context? Did you hear something amusing on your jaunt about the fine halls of this institution? We want to hear about it! Send your quotes with who said it to: thorn-flipside@rose-hulman.edu or fill out this nifty google form: https://goo.gl/forms/bS33Fhx6CHhsggyYt

The HORRORscopes

These Horoscopes have been put together through a rigorous study of ancient texts and intense communication with our extraterrestrial neighbors.

ARIES
I smell like beef.
I smell like beef.
I smell like beef.

Taurus
It’s an avocado! Thanks.

Gemini
Hey, how much money do you have?
Oh, like 60 cents.
Ah, you know what that means! I don’t have enough money for chicken nuggets.

Cancer
Get to Del Taco. They’ve got a new thing called “FR E SH A”.

Leo
I smell like beef.

Virgo
Hey, do you know where I can get some drugs from?
Excuse me, you’re in a library. My bad. Do you know where I can get some drugs from?
Yeah, what you need bro?

Libra
There is only one thing worse than a raptist. Boom. A CHILD.

Scorpio
Hieey, hey, what y’all get for number 12?
I got 18.
I got 9.
I got Abraham Lincoln, for some reason...

Sagittarius
I’m just chilling. In Cedar Rapids.

Capricorn
His hair? Whack.
His gear? Whack.
His jewelry? Whack.
His foot stance? Whack.
The way that he talks? Whack.
The way that he doesn’t even like to smile? Whack.
Me? I’m tight AF

Aquarius
Hey bro, can I get a sip of that water?
It’s not water.
Vodka? I like your style.
It’s vinegar.
What?
It’s vinegar, you pussy.

Pisces
Christ, is that a weed?!
No, this is a crayon.
I’m calling the police!
911, what’s your emergency?

The 7 Day Forecast

WACKY PROF QUOTES

Top 10 Days to Show that the Cold Never Bothered You Anyway

1. The snow glows white on the mountain tonight.
2. Not a footprint to be seen.
3. A kingdom of isolation, and it looks like I’m the Queen.
4. The wind is howling like this swirling storm inside.
5. Couldn’t keep it in;
6. Heaven knows I’ve tried;
7. Don’t let them in, don’t let them see;
8. Be the good girl you always have to be;
9. Conceal, don’t feel, don’t let them know;
10. Well now they know

Students: “Have a nice day.”

“Too late.” - Dr. John Rickert

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Heard ‘Round Campus

“Don’t sell your body to the U.S. government.”

Fact of the Week

There are only 233,387,134,235,158,159,459,102 payments left before you fully pay off your college loans!

Photo Courtesy of Emily Rusnak

Decent Pet of the Week

This is Frodo. He is a king.

I’ve slept for an hour and a half in a 36 hour period and it was absolutely amazing. Thanks to everyone who helped put Greatest Floor together! The students love and appreciate the chance to slowly descend into madness. Please send an email with questions, concerns, or content to the Thorn Flipside Editor <thorn-flipside@rose-hulman.edu>