As we start the 2019-20 academic school year, SGA has already made big changes to campus by introducing the bike share program. With the addition of 30 new bikes around campus, Rose-Hulman students can ride around campus and through heritage trail at their own pleasure. The bikes are equipped with a unisex frame for easy accessibility, 7-Speed gearing for operation, comfy and adjustable seats, and a rear basket to conveniently hold your books, or greenies, while trying to not be late to class.

The bikes are available to rent through the Movatic app from 6:00 am to 12:00 am daily.

To rent a bike, simply open the Movatic app, click a pin that’s near you and press ‘Select a Bike’. Enter the bike number you want to rent and press ‘rent bike’. Once you press continue on the next page you will have 7 seconds to take the bike off the rack. Don’t worry though, you can always restart your rental at any time. To return a bike, roll your bike up to the rack and secure the lock pin. In the Movatic app, slide up on your active rental information box and press ‘End Rental’ and confirm it has been returned to the correct station.

While you are out there enjoying the bikes on our beautiful campus, make sure to follow the traffic laws, stay alert for cars and other objects, like raccoons and squirrels, and use your hand signals when turning.

Stay safe kids and happy exploring!

The Rose Thorn
Meets Tuesdays
0259 at 5:00 pm

FMJobs.com
Blackboard is Hiring!

We're looking for engineers who can help us enhance the student experience.

These positions focus on Blackboard Learn, a product in which we pride ourselves on creating well-designed web and mobile solutions to support learners, instructors, and administrators. Blackboard Learn allows learners and instructors to access online educational experiences wherever and whenever they want through web and mobile devices. Our technology helps instructors breathe life into educational content, brings efficiency to day-to-day tasks, and empowers instructors with tools to engage and assess every learner. We help motivate learners by promoting collaboration, communication, and connections with their peers and instructors.

Product Positions

Associate SW Engineer
SW Engineer
Software Engineer in Test: Associate SET, and SET.

See you at the career fair!
President Trump insists that there is no concern for corruption.

Photo Courtesy of Twitter

Donald J. Trump
@realDonaldTrump

I know nothing about an Air Force plane landing at an airport (which I do not own and have nothing to do with) near Turnberry Resort (which I do own) in Scotland, and filling up with fuel, with the crew staying overnight at Turnberry (they have good taste). NOTHING TO DO WITH ME.

6:43 AM - 9 Sep 2019

President Trump's stay at Trump Turnberry is raising a conflict of interest. Why did he choose to stay in his luxury resort, and what is the controversy over Pence's decision to stay in his resort as well? Should Trump be using taxpayer's dollars to support his businesses? These are the questions being asked by critics of Trump and the controversy over the Air Force's choice to use Trump's Turnberry resort.

Photo Courtesy of The Washington Post

Trumpp's Turnberry waterfront site near Glasgow, Scotland.

Photo Courtesy of The Washington Post

Jared Gibson
Entertainment Editor

In April of this year, a U.S. Air Force crew en route to Kuwait made a fuel stop at Prestwick Airport near Glasgow, Scotland. As there is no U.S. military base in Glasgow, troops were transported to Trump Turnberry, the President of the United States' luxury golf resort, resulting in the Air Force paying President Trump for the trip. This is a strange financial situation—the President receiving money from the very military Se commanders—seems to put Donald Trump at odds with the emolument clause, a section of the constitution which prohibits the President from receiving any compensation from the government other than his salary.

Starting in April of this year, the House Oversight Committee launched an investigation into the Air Force's activity in the Glasgow area. The facts showed that this is the first time that the Air Force paid the President for a stay in Turnberry. The committee observed an increase in the number of fuel stops made at the Prestwick Airport, which according to Politico reporter Caitlin Oppy is "unusual." Other Politico reporters, Natu

Kyle Smith, a writer for the National Review, accuses the Politico reporters, Bertrand and Bender, of whipping up a pseudo-scandal in an attempt to gather more readers. He points out that the Air Force has used the airport near Glasgow for a fuel stop "scores of times." He argues that "those troops... understandably stayed at the hotel because it's affordable and close to the airport... Since the arrangement between the airport, Air Force, and Trump Turnberry predates the Trump administration, he concludes that the "scandal" is really no scandal at all. Besides, he insists, "The hotel is charging $130 a night. How much of that winds up in Trump's pocket, I can't say?" Yet, he does not address Bertrand and Bender's concern about Pence's stay in Doonbeg, nor Trump's suggestion that the G-7 summit be held in a location that would benefit Trump greatly.

Despite the controversy, the Air Force is reportedly conducting a review of how it schedules overnight stays in refueling stations worldwide.
Remedy Entertainment Delivers

Control: ASpoiler-Free Review

Aidan Moubler
Opinions Editor

Remedy Entertainment, the developers of critically-acclaimed cinematic action games, like Max Payne and Quantum Break, have recently released their newest title, Control. Apart from the fact that there is a new game in town, where the player gets supernatural powers and an even more powerful weapon, Control is the first title to utilize RTX, a new feature in the DirectX API. In this piece, I'm going to talk about the game itself, how it performs, and how it looks.

In order to keep things spoiler-free, I will avoid talking about the game's story. Anyways, you first need to know what I'm playing on:

- CPU: Intel Core i9-9900K (8 cores/16 threads) @ 3.6 GHz (with Intel H270 liquid cooling)
- GPU: GeForce RTX 2080 Ti
- RAM: Corsair Vengeance RGB Pro 3200 MHz (16 GB)
- SSD: Western Digital 500 GB M.2 NVMe
- Display: Dell D2719HGF 27” 144 Hz @ 144 Hz

Gameplay

Control plays about as awesome as you would expect for a third-person action game. Combat is actually quite fun and there is a lot to learn about how to use the different powers in different ways. There is only one weapon to start with which, after recently released updates, can be even more effective, making it is at first a simple handgun into a formidable weapon.

Different forms work better for various situations. It is ultimately up to you. To supplement this weapon, the character known as Jesse Faden, has certain powers that come along with the Service Weapon. For example, she can utilize telekinesis to throw objects at enemies, and she can utilize a powerful melee attack as well. Later in the game she can acquire the ability to levitate, or even to turn weakened enemies to her side.

There are some puzzles that can come up that involve a mysterious mobile which take some thought, but they're quite short and don't require any special powers other than your very own powers of observation. Some sections could be considered platforming, but it's a trivial challenge at most.

Performance

A major feature that Nvidia introduced with the Turing GPUs was something called Deep Learning Super Sampling (DLSS). It leverages machine learning to create an anti-aliasing filter for RTX-enabled games. My understanding is that the game is actually not rendered at 720p, but scaled up to full HD resolution and the AI algorithm handles getting rid of jagged edges.

The difference in performance is actually astounding. With DLSS off, with all ray-tracing features maxed out, I don’t even get 60 frames per second. However, turning on DLSS boosts frames into the 80-90 range, and as far as I’ve seen there is almost no difference in quality. Unfortunately it can’t make the most of my monitor’s high refresh rate, but I’m not too bothered by it.

There are noticeable issues unrelated to aliasing that come along with the resolution scaling, but I’m willing to forgive them because of what I’m taking place in a derelict office wing. The only thing there are empty rooms with panes of glass separating what would be offices. Yet depending on how you look at the glass you can see either the interior of the room or your own character and the scene behind her. In the screenshots above you can see the reflections on the glass in the image on the right.

Images by Aidan Moubler

Notice the reflections on the glass in the image on the right.

Final Verdict

Control is a game that looks good, plays well, and performs well. It does not require any special features, but if you can afford to spend some money on good graphics, Control is worth the price. The story is engaging and the combat is satisfying. However, turning on DLSS boosts frames into the 80-90 range, and as far as I’ve seen there is almost no difference in quality. Unfortunately it can’t make the most of my monitor’s high refresh rate, but I’m not too bothered by it.

In addition, if you look closely at the area beneath no paper was on it, you can see that the shadows are considerably more realistic and actually utilize the contours of the object rather than being a blur.

I don’t think any of my personal favorite effects is specialty. If you’re in a room where the walls are a shiny material, like a polished marble or granite, you can use objects in the scene reflecting off of them. In the screenshots above, where I demonstrated the transparent reflections, you can see reflections coming from the metal next to the window as well, rather than the pre-made ones in the left.

As for the story, I found myself struggling to finish. That I found myself struggling to finish the story as I had expected, it’s a large disappointment. However, it’s a story that I found myself wondering how it would end.

It made me wonder how it would end, although she is clearly not told, to me question whether such social protocols are in a structured way to discipline women who are considered to be different and have their own standards, is left open to interpretation.

Discussing why Daisy Miller defies these standards, I feel left open to interpretation and is somewhat worth discussing, Daisy, to me, became a defiant young woman who started to develop.

Discussing the story in my literature class has finished, and as far as I’ve said, it looks fantastic. It’s not very much like a bunch of rich people whining about why their kids are not following the rules she is left open to interpretation and is something worth discussing. Daisy, to me, became a defiant young woman who started to develop.

Daisy Miller: A Subtle Rebel

A Classic Novella from Henry James

Daisy Miller was a timid young American and her (mis)adventures in Switzerland.

A tale of a missy young American and her (mis)adventures in Switzerland.

Digital powers other than your very own powers of observation. Some sections could be considered platforming, but it’s a trivial challenge at most.

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Oven-Baked Chicken Wings

Jonathan Kawouchi
Staff Writer

Photo Courtesy of Food Network

Ingredients
Chicken Wings:
2 lbs of chicken wings
2 tablespoons salt
2 tablespoons baking powder
(Not baking soda)

Additional seasonings of your choice (optional):
1 teaspoon freshly ground black pepper
1 teaspoon paprika

Sauces:
• Basic Buffalo Sauce:
  1/4 cup Frank’s Red Hot sauce
  4 tablespoons clarified butter
  1 tablespoon sriracha sauce
  1 teaspoon seasoned rice vinegar
  1/4 teaspoon sesame oil
  2 tablespoons grated parmesan cheese

Instructions
1. Line a baking sheet with aluminum foil, then place a wire rack over the baking sheet. Let wings sit on the wire rack overnight to dry. Otherwise, pat the chicken dry with a paper towel.
2. Preheat oven to 425° F.
3. Combine the salt, baking powder, and any additional seasoning together into a bowl. Place the wings into a large bowl, toss and mix to combine. Sprinkle remaining mixture into the bowl to further coat the wings. Place onto the wire rack.
4. Bake in the oven for 20 minutes. Turn wings over and continue baking for another 20 minutes. Continue to turn and bake at 10-15 minute intervals until wings are at desired levels of brownness and crispiness. After baking, transfer wings to a serving platter. If using honey sriracha sauce, sesame seeds can be sprinkled over the wings. If using garlic parmesan, additional parmesan can be shredded onto the wings.

Renovate Your Room!

Last Minute Design Tips and Decorations

Colin Beach
Lifestyle Editor

Rose-Hulman was recently awarded the #20 spot on Business Insider’s list of best college dorms. Rose takes great pride in its residence halls, giving students the freedom to transform their room into their own little home. In honor of this recognition, here are a few helpful tips and finishing touches for your Top 20 “dorm” room.

Lofts & Decks – A common find in Rose res halls, these homemade IKEA sets provide multiple ways to arrange your room. You may be restricted by the size of the room, but not by your imagination. Lofts can hold your bed up high and give room for desks and couches below. Larger, low platforms and decks put the common area above and the beds below. (left bottom) Christmas lights and plants (left top) An example of a loft that leaves space for a desk below. (left bottom) Christmas lights and plants (left top) An example of a loft that leaves space for a desk below.

Lights – It’s always good to have light sources other than the one ceiling light. Small lamps work well on desks when doing homework, and clip-on lamps for your bedframe can do the same. And even though it’s not December, it’s perfectly fine to put up Christmas lights. A strand going around the entire room both decorates and provides great light (works with LED light strips too).

Serve your chicken wings with celery, ranch, or blue cheese.

5. All sauces above can be cooked in a saucenpan on medium heat, adding each ingredient one at a time and mixing until incorporated.
6. Drizzle sauce of choice over the wings and toss to coat. Transfer to a serving platter. If using honey sriracha sauce, sesame seeds can be sprinkled over the wings. If using garlic parmesan, additional parmesan can be shredded onto the wings.
Fourth, AB ain’t playing no games no more. In a YouTube video entitled “THIS IS MY WAKING UP CALL: NO MORE GAMES!” from September 6th, McAfee posted an audacious recording of a private phone conversation between him and Raiders Head Coach Jon Gruden. In the call, you can hear Gruden praise Brown for his play and his work ethic. However, you can also hear Gruden telling AB to “...please stop this shit and just play ball...” (There is a tone of frustration and exasperation). AB responds with “Thank you coach!” and follows up by saying “Coach, I’m excited.”

Sixth, AB wants wins. Not even a day after being released by Oakland (it was only like 5-7 hours), Brown was signed by the New England Patriots, arguably the best team in the league right now. It appears he has found his forever home, here.

Seventh, AB plays us all cut, so that he could sign a 1 year deal with the Patriots, and get an extension half way through. Different type of AB, same old game. AB did not want to play for Oakland if he couldn’t wear his beloved blanket, I mean helmet. This made Oakland management pretty upset.

Second, AB was on this ice, kind of. NFL teams have things called cryotherapy chambers, which is basically an ice bath on steroids. They are metal tubs people stand or sit in that chill to -270 degrees Fahrenheit using liquid nitrogen. AB was ‘improper’ (more like non-existent) footwear, leaving his feet to get severely frostbitten. Oakland management was pissed as they had to place him on the injury list, removing him from practice and games. His condition was desperate.

Third, AB gets benched, then unbenched. Mike Mayock doesn’t deserve to be an Oakland Raider, he’s basically everyone’s boss. Everyone except Antonio Brown, apparently. Brown and Mayock reportedly got ‘into it’ during a practice session, an exchange that included some rather harsh words. The team was on their last straw, so they suspended him for the first regular season game. Shortly after that they un-suspended him but he apologized to his teammates.

Oppinions

Antonio Brown: Professional Crybaby

Matthew Stopp
Guest Writer

"And whether it be good or bad, you're in the spotlight all the time..." This is Gruden's advice, taken directly from a phone call published on his YouTube channel, perfectly describing (TN)-Professional Wide Receiver Antonio Brown's life for the past two and a half years. In February of 2017, Brown, a then wide receiver for the Pittsburgh Steelers, signed a four year contract extension worth $75 million a year. Now, this contract was supposed to last until 2020, however since that contract, Antonio Brown, AB, has signed two new, different contracts for two new, different teams.

Brown was traded to the Oakland Raiders in March of this year, revisiting his contract with Steelers and allowing him to make a cool $60 million over the next three years. AB was released by the Raiders on September 7th, and signed by the New En-

In a YouTu be conv ersa tion was p ubl ic.

In the call, you can hear Brown apologizing to his teammates.

In the call, you can hear Brown apologizing to his teammates.

In the call, you can hear Brown apologizing to his teammates.
Standout Student - Athletes

Winston Amankwah

RHIT Sports Schedules

RHIT Football

Rose-Hulman’s Football traveled to Rhodes College in Memphis on Saturday night to record their first shutout since 2013 with a score of 30-0. Winston Amankwah had a 97-yard interception returned for a Rose-Hulman touchdown. The return is the second longest in school history. Rose-Hulman Football improved to 2-1 on the season and will take to the road again next Saturday to travel to Manchester.

RHIT Soccer

On Saturday the RHIT Soccer Women’s Soccer team hosted the Grey Matters Awareness Day to bring light to brain cancer, and to honor Coach Hel-lwell who is a brain cancer survivor. They were victorious over Milikin with a score of 2-0. The Men’s Soccer team also hosted Milikin and won with a score of 5-0. This improves their record to 5-0, which is the first 5-0 start in program history.

RHIT Volleyball

Rose-Hulman Volleyball has a rough start to the sea-son with an overall record of 3-9. The volleyball team has been victorious over Widener, Monmouth, and St. Mary-Woods. They are on the road again to Webster on Wednesday.

RHIT Women’s Tennis

The RHIT women’s tennis team swept Defiance this past Saturday as they opened the Heartland Colle-giate Athletic Conference season. Bhagat, Thompson, Banda, Rogers, Goodman, and McGuire won all six singles matches in straight sets. The women’s tennis will play again on Wednesday at home against Mt. St. Joseph.

RHIT SPORTS BOX SCORES

Photo by Rose-Hulman Athletics

Photo by Rose-Hulman Athletics

Photo by Rose-Hulman Athletics

RHIT SPORTS SCHEDULES

Football

Men & Women's Soccer

Volleyball

Women’s Tennis

September 28: @ Manchester
October 5: vs. Franklin
October 12: @ Bluffton
October 19: @ Anderson
October 26: vs. Mt. St. Joseph
November 2: vs. DePauw
November 9: vs. Hanover (Senior Day)
November 16: @ Saint Joe’s

September 18: @ Illinois Wesleyan (W)
September 18: @ Wabash (M)
September 21: @ Webster (M)
September 21: @ Ohio Western (M)
September 24: @ Defiance (W)
September 25: vs Forbione (M)
September 28: vs. Wittenberg (W) (M)
October 5: @ Bluffton (W) (M)
October 9: vs. Mt. St. Joseph (W) (M)
October 12: vs. DePance (W) (M)
October 16: vs. Hanover (W) (M)
October 19: @ Earlham (W) (M)
October 23: vs. Franklin (W) (M)
October 26: vs. Manchester (W) (M)
October 30: @ Anderson (W) (M)
November 2: vs. Transylvania (W) (M)

September 18: @ Webster
September 20: @ Finlandia
September 21: @ Concordia Wisconsin
September 21: @ Carthage
September 25: vs DePance
September 28: vs Illinois Tech
September 28: vs. Time
October 5: @ Manchester
October 5: @ Eureka
October 9: vs. Franklin
October 12: vs. DePance
October 16: vs. Anderson
October 19: @ Transylvania
October 21: @ Mt. St. Joseph
October 26: vs. Hanover
October 30: @ Earlham

November 2: vs. Bluffton

September 18: vs. Mt. St. Joseph
September 25: vs. Anderson
September 28: @ Manchester
September 29: vs. Transylvania
October 2: vs Earlham
October 5: @ Hanover
October 8: vs. Indiana–East
October 11: @ Franklin

September 18: vs. Mt. St. Joseph
September 25: vs. Anderson
September 28: @ Manchester
September 29: vs. Transylvania
October 2: vs Earlham
October 5: @ Hanover
October 9: vs. Franklin
October 12: vs. DePance
October 16: vs. Anderson
October 19: @ Transylvania
October 21: @ Mt. St. Joseph
October 26: vs. Hanover
October 30: @ Earlham

November 2: vs. Bluffton


A New Home For Raccoons

Ra C. Coons

Students returning to Rose-Hulman’s campus may have noticed all of the construction going on in front of the newly renovated Mussallem Union. While there are many rumors going around about what this construction is creating, we here at the Rose Thorn have done some investigative reporting to dispel these rumors. Through our investigations, we have found that this construction is creating a home for our raccoons, who have found that this construction is creating a home for our raccoons, and build a brand new pavilion. Be sure not to disturb the raccoon inhabitants in the pavilion when it is

WACKY PROF QUOTES

"Eichholz is the literal devil."
-Dr. Daniel Chang

"This is my last class for the year. Only have 30 or 40 years to go."
-Dr. Joe Eichholz

"There is nothing sacred about a single hydrogen molecule."
-Dr. Benjamin Benjaminov

"If you’re ignorant about American geography, move to Russia or something."
-Dr. Michael Wollowski

"Here kids are an inferior good."
-Dr. Kim

"I like swimming when I’m pregnant because of buoyant forces."
-Dr. Michael Wollowski

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/bB339sx6GHohggYt1

Water No Longer Necessary For Life

Aie Le Mao

Many students may not know about Rose-Hulman’s Oakley Observatory, located towards the edge of campus. However, Oakley Observatory made the news recently, with professors discovering life on Mars. These primitive humanoid lifeforms, dubbed "Civil majors," after their crude lifestyle based around red colored concrete, are found to not need water to survive. As many readers may know, most of Mars’ water is located in the frozen polar ice caps, and not in a liquid drinkable form. How these aliens survive is by simply creating new water from free oxygen radicals and hydrogen gas from their farts.

In light of this discovery, Vice President of Finance Matt Davis announced to the campus community that water would no longer be filtered before being sent to the water fountains and sinks of campus. "If the aliens can survive without water, why can’t we?" Matt Davis said in a recent interview, "This will save so much money; we can increase my salary almost three times!"

This phasing out of water filtration is part of Davis’ Five-Year Plan, which eventually includes the removal of all water based systems from campus, as well as the implementation of a "Labor Campus," located on the new property, for all students in academic probation.

We asked the president’s office about this recent development, to which they responded, "If the students really wanted clean water, they would have started protesting already. Seeing as they haven’t, this plan seems like a genius idea!"

For more information on the lack of water, click here, opens later this quarter.