Summer Program for Interdisciplinary Research and Education – Emerging Interface Technologies (SPIRE-EIT)



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Victoria Green



9th Week

iii July 27, 2018 sygreen1

Weekend Recap: On Saturday we went to the mall and I had a "burger" from the zombie and shakes place. Instead of a hamburger bun it was two things of deep fried Mac and cheese. It was very difficult to eat without making a mess so I brought most of it back with me to Freddy. On Sunday we had the hackathon. I started working fixing up my portfolio site. I spent most of the time playing with different css animations

Today I spent the majority of the day working on the poster. We have some content for the Motivation, Background, and Methodology sections. We are still waiting to fill the Results and Future Work part until after we actually run some tests

7/24/18

RAGBRAI 🚲

7/27/18

This week has gone by really quickly. We spent most of our time rushing to finish get through usability testing and creating the poster. I think its done now but I am still waiting to send it in in case we get anymore feedback. Now we just have to finish up the paper which shouldn't be too difficult now that we have results. Next week is going to be super busy with packing everything up, the video interview, and the poster symposium. For now I'll just be excited for Adventureland on Sunday

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July 19th

🗎 July 19, 2018 🙎 vgreen1

This week has been pretty busy while my research group is trying to do everything within the next week and a half. We are creating the web application, usability testing, poster, and paper all at once. We need to finish creating the application so we can start testing. Which is why the parts of the paper we are still missing are the methodology and results. The poster is in a similar state where we have the layout but are still missing the content. We are making slow and steady progress with the web app but we are already cutting some features in order to try and finish it on time

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July 17th

🗎 July 17, 2018 👢 vgreen1

Today has been pretty good so far. We had a craft of research lecture where we discussed plagiarism. It was basically just going over how not to steal from others and cite everything correctly. After the lecture my group continued working on the web application. I was able to add some formatting and continued creating the house icons. We then had the luncheon lecture where Alex Braidwood talked about his creative and really interesting career. After lunch we continued working the application. Eventually we will have to start working on the paper again and I'm not

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Previous Years of SPIRE-EIT

excited for that. Looking forward to light painting later.

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Weekend

🗎 July 16, 2018 🙎 vgreen1

On Friday I gave in and bought the kindle version of a book I was planning on reading when I went home. I spent all night reading fascinated by the Nigerian mythology behind the plot. Waking up really late on Saturday I started looking for another book to read. I prefer reading physical books rather than digital ones so I tried to find a Barnes & Noble. The only that came up was the campus bookstore. I then searched for used bookstore and discovered Books A Million (BAM). It's a really nice and quiet place to read. I had to resist the urge to buy a ton of the books on sale. I stayed there for a bit and tried the coffee which was pretty good. On Sunday I started reading 1984 and finished the second season of Stranger Things.

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First Post for July

iii July 6, 2018 sygreen1

This week has gone by pretty quickly. We saw some fireworks on the 3rd and had a barbecue/water park outing on the 4th. After the water park we played some games and ended up watching The Boy and Hoodwinked. I've been working on my MCA for a while. I ran into a couple design issues and printing problems. I came in yesterday to finally print a kinda functional business card holder. I thought we were presenting everything today but I guess it's gonna be on Monday now. For our research project we are finally getting to the programming part. I am working on the UI and I using Bootstrap and ReactJS for the first time.

June 27th

m June 28, 2018 vgreen1

I don't know how to I forgot to blog again. I think I spent most of yesterday figuring out stuff for my deeper dive. I 3D printed a box that was supposed to be empty but was actually a solid block. For my research project I worked on some user stories and transferred our lit review to the conference paper template. Later I tried a baked bbq chicken recipe that turned out pretty well. After that I helped my little sister study for the written part of the drivers test, watched some episodes from the office and slept.

I have research meeting this morning so we'll see how that goes. Gonna keep staring at hinges and pins for my deeper dive while I figure out which cad software I wanna use.

The end

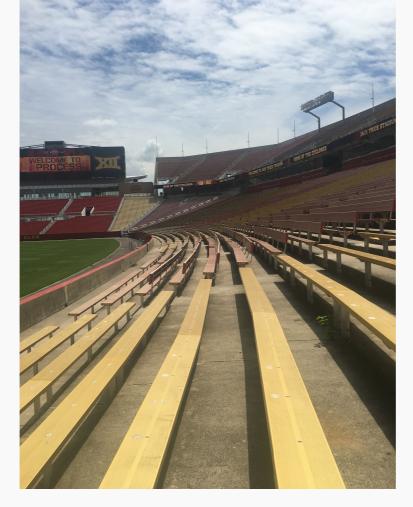
June 25th

iii June 25, 2018 sygreen1

Weekend Recap: On Saturday a group of us went to the farmer's market on main st. It was kinda small compared to other ones I've been to. After that we went to Reiman's Gardens and took some photos. Leaving the gardens we decided to go to the stadium across the street and spent some time there.

Weekend Photos:





Today: We had our deep dive in the morning and went over safety info for using the 3D printers. I'm still trying to figure out exactly what I want to work on (exploring the idea of 3D printed business card). Later on we are going to have more hands on experience with the software.

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June 21st

🖺 June 21, 2018 🙎 vgreen1

I forgot to blog yesterday cause I passed out early last night. Yesterday was pretty good we finished up Unity and got to pick our Deeper Dive. I got 3D printing which I am pretty excited about since I haven't really done anything similar in the past. Today we had a interesting 'lecture' about tips for interviews. We went over elevator pitches, how to listen, and how to reply to illegal interview questions. I've attended similar discussions in the past but none have ever really brought up illegal questions before. Another question brought up that I never thought to bring up was what to do if you need to yawn during an interview. Apparently you shouldn't do it and stop it if possible. I don't know if I have yawned during interviews before but I guess if I do I gotta figure out a way to stifle it subtly. After the talk I started making some corrections to the lit review mainly adding citations. We have research meeting scheduled for later today to go over our problem statement paragraph and lit review. We will also be trying to figure out a development schedule. Not sure how to keep ending these blog posts.

The End.

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June 19th

🗎 June 19, 2018 🙎 vgreen1

Today we had the craft of research class in the moming. We discussed lit reviews and the methodology section. The lit review info was pretty helpful since that is what my group has been working on. It has been difficult to find enough time to read the papers and start writing in between the classes. I sometimes read during the blog time and then forget to write one up later in the day. The luncheon lecture today was about visual realism in the age of hyper reality. I thought it was pretty interesting and the CGI images were really believable. Later today we are coming up with a t-shirt design but for now gotta go write the lit review.

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June 13th

🗎 June 13, 2018 🙎 vgreen1

Yesterday we had a pretty interesting Luncheon & Lecture with the chair of the Graphic Design Department. He talked about how he connected design to helping the community. I did something similar in my Software Engineering class last semester where we made applications to help the food banks and volunteer organizations within our local community. I will also be doing this again in the fall for my Interactive Media course where we help local businesses in Trenton. Later we had a research meeting where we tried to further define our project by establishing a use case.

Today we finished up Solidworks which I thought was interesting. Definitely looking forward to trying Maya later today. Our grad student stopped by today to tell us a use case has been chosen and we will get to know what it is soon. My group is currently working on the problem area paragraph, the lit review write up and doing research to make sure no one has done it already. Aside from that still working on learning java script.

June 11th

🗎 June 11, 2018 🙎 vgreen1

Recap:

Over the weekend we went to the ropes course. The group activities were pretty fun. I tried the swing which wasn't as bad as I thought it would be considering my extreme fear of heights (though I didn't really go that high). On Sunday we helped out Val with organizing, cleanup, and measurements and in return received bikes

Today we started learning Solidworks which hasn't been too difficult aside from the slightly confusing UI. For lunch a group of us went to Freddys. Afterwards I continued working on the lit review and modifying an interactive dashboard.

Goals for This Week:

- . Start learning JS and ReactJS
- · Finish Lit Review (for the most part)
- · Practice Solidworks
- · Finally start using Maya

Bad Uls

🗎 June 8, 2018 🙎 vgreen1

Random Remote



The bad UI of this remote control was brought to my research groups attention during our last meeting. All the buttons look exactly the same and there is no indication of what the remote is even for. It is pretty much completely unintuitive. This could be corrected by having be buttons be different colors, and having symbols/labels.

Fake Kitchen Cabinets/Drawers

Image (Coming Soon)

There are several "drawers" in the kitchen in our apparent that are fake and don't open but are pretty much indistinguishable from all the other functional ones. The fake one under the sink is falling off because so many people have tried to open it. There should be something to differentiate it from the others.

June 7th

The luncheon & lecture mainly focused on life, the future, and possible career paths. I am starting to consider grad school more and thinking about doing it part time or trying to get a full ride somewhere. Gonna do some more research. I guess some goals that have progressed this week understanding the bus system more and starting to have a more defined research topic/task.

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June 6th

Today has been good so far. We had another C++ class and later we got our first pay checks. Yesterday after work I didn't do much. A small group of us went to Freddy's for steak burgers and milkshakes after that I caught up with some friends from back home. I'm currently trying to figure out a fast and easy way to make an interactive data visualization to use for the mini task our group was assigned. We'll see what our group comes with.

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June 5th

🗎 June 5, 2018 🙎 vgreen1

Today has been pretty good so far. We had our second Craft of Research class where we kind of defined our research project statement which was helpful. After that I continued to do the Lit Review and searched for papers related to Data Visualization and Decision Making. The luncheon lecture was really interesting. Dr. Wright talked about sustainable energy and food. While I knew some general information it was different to hear a little more about it in depth. The rest of the day is just the photo session and then our group research meeting so we'll see how that

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June 4th

🗂 June 4, 2018 🙎 vgreen1

Today hasn't been too eventful compared to the weekend. Yesterday a small group of us went to the Furman Aquatic Center and that was pretty fun





Today we had our 1st C++ class. I also started doing the Lit Review which hasn't been that bad yet.

June 2nd

🛗 June 3, 2018 🙎 vgreen1

Today was pretty fun. I was able catch up on some sleep and relax. My roommates and I tried a pasta recipe and some brownies that turned out really well. We all went to summerfest and got a free root beer float which was a nice surprise. I also liked the petting zoo and all the baby animals



After summerfest a group of us went to state gym and attempted to have a volleyball game. We ended the night with a really funny game night.

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June 1st

iii June 1, 2018 sygreen1

Today has been pretty interesting so far. We took the personality test and I found that I was still an INTJ. I learned a lot more about VR and actually got play with some of the technology. I have used google cardboard before so daydream was pretty similar. The ones that actually used cameras were a very different and slightly disorienting experience. It was pretty cool to see how the C6 worked behind the scenes and then actually go inside. We went to Fuzzy's tacos for lunch and I tried some new food which turned out to be pretty good. In terms of the research project we are still discussing some ideas but the general topic data visualization is interesting. I'm looking forward to going more into it.

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Created a Post!

may 31, 2018 sygreen1

Hello!

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