

We initially became interested in this meetup to talk about IoT due to the presence of both professional and academic speakers. We thought it would be interesting to gain insight into the world of IoT and the potential complications that would occur from a system administrators perspective from both seasoned veterans who run companies that have been around for years and to also gain a theoretical understanding of some of the problems from the professor who would be lecturing.

In addition the fact that they were from a country besides the U.S. was interesting due to the fact that there are different regulations for business outside the states. The fact we would learn from foreign experts was also very intriguing.

At the conference we were able to listen to three speakers that had a lot to say about IOT. The first speaker gave a presentation on edge computing. Both David and I had heard the term before, but we were not too familiar with the topic. With IOT in businesses continuing to grow there is a need for more bandwidth, storage, and control over latency. We learned that with edge computing and the power of 5G this is all possible. As a system administrator you are in charge of keeping your company's systems running smoothly and reliably. After hearing this first speaker we realized how difficult it might be to keep up when in a large company with hundreds of devices sharing data constantly. IOT devices such as sensors could prove to be vital to a company's success and having an edge computing service like the one the first speaker mentioned is important for a system administrator to understand.

The next two speakers talked about their businesses and how they make use of IOT systems and how important they are to their companies. One story that I thought would be interesting to tell comes from the third presenter. A company that works with large construction projects applied sensors to concrete to make sure that all variables for the concrete to set in the right way were met at all times. On one random day a cold front moved in and the sensor sent their systems administrator a warning. This admin was able to relay this information to the correct response team to correct the error. This error could have cost them a lot of time which meant a lot more money would have had to be spent. The system administrators making sure that all IOT sensors put in place were working properly and configured correctly was pivotal to the success of the project. What we were able to learn from all of this is that IOT is growing and there is a lot of emphasis on everyone to make sure the power that IOT provides is harnessed correctly and has the right people behind it.