

Alex's Blog Posts

Fall Term

Week 3

This week we collaborated with Dr. Hsu and wrote our Project Statement, which he reviewed and signed off on. We submitted the Project Statement at 11 am on 10/14/2016. We did not really encounter any problems, except for maybe some LaTeX formatting issues. I am sure the use of LaTeX will become easier with more practice. Next week we will be submitting our resumes for peer review and figuring out how to proceed with this project now that we have a clear, working vision to follow.

Week 4

This week we finalized our project statement by revising it to reflect our instructors' suggestions. We also all produced resumes and gave them to classmates for feedback. Next week we will work on our project requirements document and attend Career Fair.

Week 5

This week we attended career fair and developed our project requirements document. Next week we will continue developing this document and will consult the client to get his approval.

Week 6

This week we revised the rough draft of our project requirements document, formatted it using LaTeX, and added a Gantt chart. We submitted this requirements document to our client, but as of 3:20 pm have not heard back from him. By the end of the weekend, we hope to have the document signed and submitted. Next week, we will individually work on our tech reviews.

Week 7

This week we revised our project requirements document and began working on our tech review document. Next week we will finish our tech review document.

Week 8

This week we developed our technology review document. We ran into some issues coming up with 3 responsibilities for everybody. We also had some difficulty identifying potential technologies for each of these responsibilities. Next week we will complete our design document.

Week 9

This week we talked about how we would make our design document, and discussed how we would approach recording ourselves for the progress report. We are having some difficulties with design document formatting. We will probably rent out a microphone for use with a computer to record ourselves for the progress report. Next week we will turn in our design document.

Week 10

This week we finished our design document. We will send it to our client and get a signature as soon as possible. We faced difficulty in getting LaTeX to

properly generate designs like message sequence diagrams. Next week we will submit our progress report and conclude the term.

Winter Term

Week 1

This week we came back from winter break and re-calibrated. We voted on a meeting time (Tuesdays) and attended the first class. We look forward to the term.

Week 2

This week we had our first meeting back with our TA. Our meeting consisted of planning out the term for our team. This meant we re-established the responsibilities we set for ourselves individually last term and verbally sketched out an idea of what our Beta release would look like. My own contributions this week were setting up the web page the module will be hosted on and doing some GUI work. The web page can be found here:

<http://web.engr.oregonstate.edu/~hoffer/CapstoneProject/MachineLearnYourWayToMachMadnessGlory.html>. More to come on the GUI work. Chongxian has set up some machine learning algorithms we can use so next week we will have Jake provide the data to them to see how they operate. After we get a handle on these algorithms, we will begin setting up the module.

Week 3

This week Chongxian arranged the machine learning algorithms, Jake compiled the statistics we'd use in a .csv file, and I worked on the GUI of our web page. Next week we have class on Thursday and we should have the algorithms being allowed to accept stats as input.

Week 4

This week I continued to polish the GUI for the webpage. Chongxian has selected our machine learning algorithms and Jake has helped him find examples of how to implement them. Jake also gathered a lot of basketball statistics for use in the module. We need to do the OneNote portfolio, a progress report, and a voice-over update by late February.

Week 5

This week we attended class, Chongxian continued developing our machine learning algorithms, Jake continued to gather data, and I continued to develop our GUI. Next week we plan to release an alpha version of our module and we need to create a OneNote, edit our documents, make a status report, and submit these to the OneNote.

Week 6

This week we completed our progress report, both written and presentation versions. I made our OneNote and uploaded all of our documents to it. We had a bit of a hard time filling up all of the required time for the presentation. Next week we will continue development.

Week 7

This week we continued coding. I re-submitted my OneNote to Dr. Winters because it didn't go through the first time. I also met with Dr. Winters to modify my OneNote a bit. We need to finish our coding to be at a beta level release.

Week 8

This week I waited for Jake and Chongxian to make progress. Next week we need to setup a meeting with Dr. Hsu. We also are supposed to be presenting a beta release of our project.

Week 9

This week we did elevator pitches. I have made a draft of our poster using a LaTeX conference poster template, and I added a signature page to our progress report and sent it to our client. My two partners should have made progress on integration. Next week I need to polish the poster more and write my new progress report, which I will use the IEEEtran format for.

Spring Term

Week 1

This week I went to class to get accustomed to what the term would entail. I updated some CSS on our page. Then, I emailed our client with a link to our project. Hope to hear from him next week and hope to update our poster for Expo.

Week 2

In week 2, Chongxian implemented different algorithms to choose from. We all updated the poster and submitted our new draft. We also emailed our client again with our finished product and our draft for him to sign off on. We await his response. In the coming weeks, we need his sign-off on the poster and then we have Expo.

Week 3

This week we attended class. I went to Dr. Hsu's office to talk to him about signing off on our posters. We also pushed our code to the Github repo. Our poster final is due May 1.

Week 4

This week I modified our poster to match our client's suggestions, then McGrath's suggestions. Then, I submitted the poster for printing. Next week I need to do the WIRED assignment.

Week 5

This week I interviewed Brandon Chatham for the WIRED assignment. We are preparing for Expo.

Week 6

This week we got our spring term progress report ready. Expo is next week and we're preparing.

Week 7

This week we had Expo. Term's almost over. In the remaining three weeks we need to edit our original docs, finish 3 small writing assignments, and do a final progress report.

