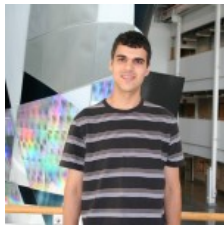


## Veselin Georgiev



Veselin Georgiev, Southeast Missouri State, Computer Science, [Robotics](#)

### Week 10-Wednesday

Posted on [August 3, 2011](#) by [georgiev](#)

The reu is almost over, which is pretty hard to believe. Vlad and I have been working pretty late the last few nights, but I think something came of our efforts last night. We finally figured out how to set up the experiment and ran two trials, which should be enough. I haven't had time to analyze the data yet, but just from looking briefly, the results appear to be promising.

I shall now take a few sentences to reflect on the reu itself. In my opinion, this has been an excellent experience. I learned so much new stuff that listing it would be hard. Vlad, Shane, and Alex spent so much of their time helping to guide us and offered such excellent advice. We could not have asked for better mentors. All the other aspects of the reu were very well planned and the extracurricular activities were lots of fun. I would like to thank everyone involved in the planning of the events and organizing the reu. Especially Ted and Marie who spent so much time taking us to all sorts of fun places such as the obstacle course and paint balling. The instructors of the classes were also very helpful. I learned a lot about modeling and OpenGL from Ted and Nik. Nik spent a lot of time helping us and it was very nice of him to show us the technology he is working on, which is simply amazing. Todd and Ramy were good teammates and we got along very well. I think the only thing I really disliked about the reu was actually this blog. I am more of a private person, so I do not like to post stuff on the Internet. I think maybe the site could be set up to be accessed only internally, that would have been nice. Other than that, I really enjoyed the experience. We have done so much, I am sure I have forgotten to mention something, but I really had a great time.

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### Week 9-Friday

Posted on [July 29, 2011](#) by [georgiev](#)

Last night was pretty eventful. We ran the robot for a very long time and conducted a number of experiments. Some of the results were promising, so we have to tweak the algorithms a bit, decide exactly which studies we are going to do, and take a data set. Its going to be a little crazy in the next few days, but I think we will be able to pull it off. I also read the Gettysburg Address at the talent show last night. I really thought I had remembered much more than I actually did, but that's alright. Hopefully, we will make some more progress on the robot tonight and will be able to finish up the project successfully.

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### Week 9-Thursday

Posted on [July 28, 2011](#) by [georgiev](#)

Time is going by very fast. We are working on the paper as much as we can, and



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## Week 8-Tuesday

Posted on [July 19, 2011](#) by [georgiev](#)

Last night we added some more graphical representations to help us see what the robot is actually doing. We now have lots of dots and lines of all different colors. It is really cool to see what the robot is thinking and then watch it perform that action. Now all we have to do is make the robot think properly and we will be done. Sounds easy, but only time will tell.

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## Week 8-Monday

Posted on [July 18, 2011](#) by [georgiev](#)

Today we started working on our paper. There is still quite a lot to do in the lab, but we can start on the paper and build up on it as we make more progress. We made lots of progress on Friday and Saturday and obtained what appear to be pretty good results. Although we are not quite finished, it appears that our methods work and our work will not be in vain. I think that if we can push the methods one step further, we will have a pretty awesome paper.

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