Initial Report

Last Modified: 02/28/2017

1.Name (first and last)

Text Response
Joseph Kim

Statistic	Value
Total Responses	1

2.VT Email

Text Response
joseph97@vt.edu

Statistic	Value
Total Responses	1

3.Contact Phone

Text Response
5404544637

Statistic	Value
Total Responses	1

4.Essay (up to 500 words): "What do you want to get out of this experience?"

Text Response
First and foremost, I want to learn the fundamental skills that every data scientist should know. This would really help reveal exactly what kind of data analysis I prefer and give more direction to my future career. I would also have a good starting point to better understand the material in my future courses and the ability to continue learning independently. However, if after this experience I also make new connections with other people and gain insight from how they approach problems differently, that would be, hands down, all I could ever wish for from any learning experience. Over the past couple of years in school, I realized that most people can learn the material and the necessary skills for their occupation, given that they are motivated enough to put in the time and effort. It is a completely different story operating harmoniously within a team setting. With differing perspectives, conflict is inevitable, but the best teams know how to play off each other's strengths and cover for each other's weaknesses. I want to be able to leave this experience knowing how to work through conflict and how to reach better conclusions on a team than if I were to attempt to solve a problem on my own. All in all, I hope to better understand the ins and outs of the workplace, working with others, building connections, and learning data science.

Statistic	Value
Total Responses	1

5.Essay (up to 500 words): "Please describe any previous research experience and/or work experience you may have."

Text Response

I have only done a small amount of research during high school. My research project was testing to see at what resonate frequencies create the most electrical output from piezoelectric crystals. Due to the over ambitious hypothesis, I ran into many problems getting the right materials, but I definitely learned how to better communicate with companies and realized the high degree of precision and testing needed for this kind of research. So far as work experience goes, I have done some private tutoring in middle school level math for a family friend. I worked through problems step by step, gave homework, and updated my tutee's progress to her parents. I was also a camp counselor for a STEM summer camp, where I was in charge of about twenty elementary school students. We went through a basic invention process and did many crafts related to modeling real-world products. It was more of a fun experience working with the students and attempting to answer all their questions rather than any serious instruction.

Statistic	Value
Total Responses	1

6.In Fall 2017 you will consider yourself to be a:

#	Answer	Bar	Response	%
1	Freshmen Undergraduate Student		0	0%
2	Sophomore Undergraduate Student		1	100%
3	Junior Undergraduate Student		0	0%
4	Senior Undergraduate Student		0	0%

		1		
Total				

Statistic	Value
Min Value	2
Max Value	2
Mean	2.00
Variance	0.00
Standard Deviation	0.00
Total Responses	1

7.What degree(s) and major(s) are you pursuing?

Text Response
CMDA with a concentration in economics

Statistic	Value
Total Responses	1

8.List any Minors you are pursuing.

Text Response
Economics

Statistic	Value
Total Responses	1

9.List any honors and/or awards received:

Text Response
salutatorian, volunteer letter (100 hours of community service), dean's list

Statistic	Value
Total Responses	1

10.Please indicate which position you are interested in:

#	Answer	Bar	Response	%
1	For pay		0	0%

2	For VT credit (you are responsible for contacting your department to obtain advisor approval for research credit. This form should be submitted to BI once you have been matched.)		1	100%
3	either for pay or VT credit		0	0%
	Total		1	

Statistic	Value
Min Value	2
Max Value	2
Mean	2.00
Variance	0.00
Standard Deviation	0.00
Total Responses	1

11.Please rank in order of preference which labs you are interested in:

#	Answer																	Total Responses
1	Mathematical Biocomplexity Laboratory	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

2	Network Dynamics and Simulation Science Laboratory	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	Nutritional Immunology and Molecular Medicine Laboratory	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4	Social and Decision Analytics Laboratory	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5	Biochemical Networks Modeling Group	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6	Dickerman Research Group	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
7	Epigenomics and Computational Biology Laboratory	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8	Hoeschele Research Group	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
9	Michalak Research Group	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10	Capelluto Research Group	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11	Cimini Research Group	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
12	Finkielstein Research Group	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13	Hauf Research Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
14	Kojima Research Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15	Data Science for the Public Good Summer Program	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	Metagenomics: Environmental Genomics and Informatics Summer Program	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

																Total
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-

Statistic	Mathematical Biocomplexity Laboratory	Network Dynamics and Simulation Science Laboratory	Nutritional Immunology and Molecular Medicine Laboratory	Social and Decision Analytics Laboratory	Biochemical Network Modeling Group	Dickerman Research Group	Epigenomics and Computational Biology Laboratory	Hoeschele Research Group	Michalak Research Group	Capelluto Research Group	Cimini Research Group	Finkielstein Research Group	Hauf Research Group	Kojima Research Group	Data Science for the Public Good Summer Program	Metagenomics: Environmental Genomics and Informatics Summer Program
Min Value	3	4	5	7	6	8	9	10	11	12	13	14	15	16	1	2
Max Value	3	4	5	7	6	8	9	10	11	12	13	14	15	16	1	2
Mean	3.00	4.00	5.00	7.00	6.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	1.00	2.00
Variance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total Responses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1