

**Yu-Ting Shen**  
Norman, OK 73019  
☎ +1 (450) 200 2633  
✉ [YuTing.Shen-1@ou.edu](mailto:YuTing.Shen-1@ou.edu)

**Airbus UTM**  
San Francisco, CA

January 24, 2019

Dear Hiring Manager,

I am applying for the position of Data Scientist in Airbus UTM. I started to analyze big data since I enrolled in my Ph.D program and prepared myself to work with big data by learning necessary knowledge and skills.

I have taken several data analysis and machine learning courses and a data science bootcamp. The skills such as querying data using SQL, manipulating and cleaning data using Pandas, visualizing data distributions using Matplotlib and Seaborn, and machine learning using Scikit-learn and Keras are in my toolbox now. Now I participate in the competitions on Kaggle to sharpen my data analysis skills and learn from other experts.

The Ph.D. in high energy physics trained me to be a careful researcher and strengthened my problem solving skills. Presenting the findings in weekly meetings gave me the ability to explain quantitative topics for a variety of audiences. Analyzing the experimental data which are produced at a rate about 25 GB/s enhanced my C/C++ and Python programming skills.

I would welcome the chance to speak with you about the responsibilities of the Data Scientist position. My resume containing detailed work experience and education is attached. I am confident that my background makes me a unique candidate to fit this challenging position and I would be a valuable addition to your team. I look forward to hearing from you. Thank you for your consideration.

Yours faithfully,

**Yu-Ting Shen**