Describe your overall duties/responsibilities as a Research Associate - Data Science:

My position at Battelle is multi-faceted. I spend much of my time coding mathematical simulations and models in C++. I also contribute heavily to discussions about what and how we should model the underlying math, physics, and mechanics we are trying to capture. I also use the models, evaluate and analyze results, and write reports for one of our primary clients: The Department of Homeland Security Science and Technology Directorate.

What advice would you give to students who are considering majoring in Engineering Physics?

Engineering Physics can cover a broad range of possibilities. The Ohio State physics program teaches people to think critically and provides a wide basis of understanding of all kinds of physics which are behind all things science and technology related. This makes it widely applicable to many occupations. The program is not Abet Accredited, and I understand how that can be a barrier for many people wishing to enter a specific engineering field. However, I personally think that no engineer could do better than to pair a real study of physics with the study of their engineering specialty.